



School Capital Plan

2010-2011, 2011-2012, 2012-2013

Prepared by Capital and Urban Planning Services



Calgary Board of Education



Prepared by Capital & Urban Planning Services
Final: April 21, 2009

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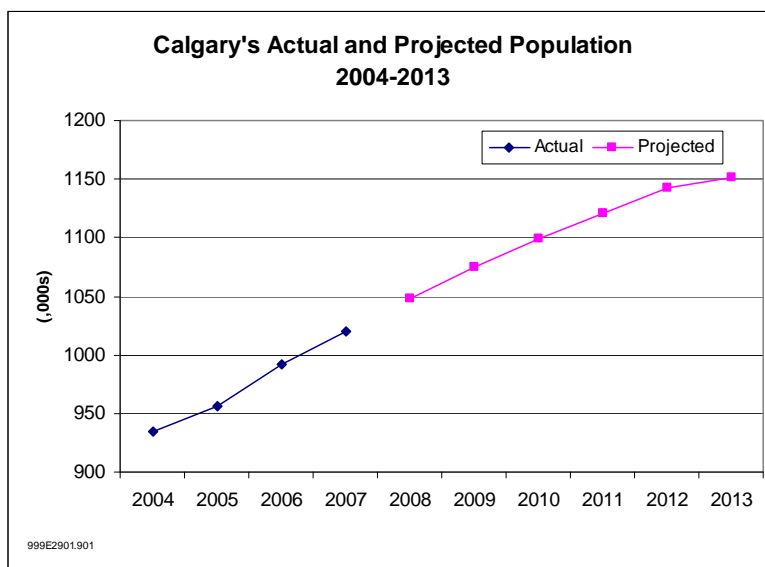
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EXECUTIVE SUMMARY

This School Capital Plan 2010-2013 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 121,000 persons in the last five years, an average of 24,200 persons per year. The City has forecast that the total population of Calgary will reach 1,152,100 in 2013, an increase of 109,200 persons from the 1,042,900 total in April 2008. This five-year forecast represents an average annual increase of 21,840 persons, a similar growth to the last five years.



2. Student Enrolments

The CBE's current student enrolment of 101,822 is forecast to increase 5,353 students to 107,175 students in 2013. The largest increase over the five-year time horizon will be for Grades 1-3 and Grades 4-6 students.

Five-Year Enrolment Projections 2009-2013						
	Actual 2008	Projected				
		2009	2010	2011	2012	2013
Kindergarten	7,082	7,075	7,370	7,445	7,415	7,425
Grades 1-3	21,299	22,025	22,780	23,550	23,930	24,305
Grades 4-6	20,730	20,940	20,960	21,450	22,180	22,945
Grades 7-9	22,194	22,200	22,170	22,310	22,535	22,555
Grades 10-12	25,712	25,525	25,520	25,290	25,300	25,265
Outreach Programs & Unique Settings	1,634	1,630	1,630	1,630	1,630	1,630
Sub-Total	98,651	99,395	100,430	101,675	102,990	104,125
Chinook Learning	2,492	2,400	2,400	2,400	2,400	2,400
CBe-learn	679	650	650	650	650	650
Total Student Count	101,822	102,445	103,480	104,725	106,040	107,175

- Chinook Learning Services includes approximately 1,000 students who are 20 years old or older on September 1st.
- Projected enrolment does not include pre-kindergarten students.
- All projections are subject to annual review and update.
- Projections use September 30, 2008, enrolments as a base, and five-year average trends.

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3. Calgary Growth and Development

Although the total population growth to the City as a whole is expected to be 121,800 people, 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. This growth means the City will likely add 122,700 to 135,600 people to the new suburban areas.

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. A compilation of the major work of the five Areas forms the basis upon which this plan is developed. The Board of Trustees approved the Three-Year Education Plan 2008-2011 on May 6, 2008. This year's Three-Year Education Plan (2009-2012) is currently being prepared.

5. Schools Under Construction and Recent Approvals

Over the years there has been a backlog of new schools for high-priority communities. The Province recently provided eleven approvals from the School Capital Plan 2007-2010 and schools are now being constructed to accommodate student needs. As well, the City of Calgary, the Province and the CBE have entered into a Memorandum of Agreement for the construction of a West Calgary High School to replace Ernest Manning High School.

Future School Openings				
School Year Opening	School	Grade	Approved Capacity	Approval Date
2009-2010	Panorama Hills	K-4	550	August 31, 2006
	Shawnessy/Somerset	Grades 5-9	850	September 16, 2005
	Taradale	K-6	650	August 31, 2006
	McKenzie Towne	K-4	650	August 31, 2006
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	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	1,500	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

6. School Closures and Consolidations

Since 2005, the CBE closed 5 schools:

Area	2005	2006	2007	2008
I		Jerry Potts		
II				
III	Albert Park David D. Oughton			
IV	Ogden			
V		Fred Seymour		

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Since 2005, the CBE closed thirteen programs:

Area	2005	2006	2007	2008
I		Brentwood (Reg K-6) Varsity Acres (Reg K-6)		
II		Balmoral (Reg 7-9)	Langevin (Reg K-9) Branton (Reg 7-9) Greenview (Reg & FI K-6)	
III				
IV	Westgate (Reg K-6)			Windsor Park (Reg K-6) Piitoyis Family School (Gr 7-9)
V		Willow Park (Reg K-6)	Kingsland (FI K-6)	Canyon Meadows (Reg K-6) Sam Livingston (Reg K-6)

The CBE's current utilization rate by enrolment is 79%. Over the next five school terms (2009-2014) approximately 12,350 additional student spaces will be built from schools approved and under construction. At the moment it is estimated that capacity reductions over the next ten school years could be in excess of 15,000 student spaces.

7. School Openings

The table below identifies schools (opening day capacities) that will come on stream in the next five years (2009-2014):

New Schools Approved & Under Construction		
Area	School	Opening Day School Capacity
Area I	Tuscany 5-9	900
	Royal Oak K-4	550
	Northwest Calgary High School	1,500
	Area I Capacity	2,950
Area II	Panorama Hills K-4	450
	Panorama Hills 5-9	900
	Coventry Hills 5-9	900
	Area II Capacity	2,250
Area III	Saddle Ridge K-4	550
	Taradale K-6	650
	Taradale/Coral Springs 5-9	900
	Area III Capacity	2,100
Area IV	West Calgary High School	1,500
	West Springs K-4	550
	Area IV Capacity	2,050
	Area V	Evergreen K-4
Bridlewood K-6		600
McKenzie Towne K-4		450
Shawnessy/Somerset 5-9		850
Cranston K-4		550
Area V Capacity		3,000
Total School Space Capacity		12,350

Note: No schools opened during 2008.

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8. Capital Priorities – Year 1 - 2010-2011

The focus on **Year 1** will be on three replacement schools, six new school construction projects and eleven high-priority preservation/major modernization projects. Projects are listed in order of priority. During the past seven years, only one modernization project has been approved, that being at Western Canada High. There are a large number of projects in Year 1 in order to address the backlog as no projects were approved from the School Capital Plan 2009-2012.

Priority Ranking – Project Description			
New/Replacement School Construction	Grade	Project Type	2008 Cost (\$)
R-1 Chinook Learning Services		Replacement School	35,000,000
C-1 New Brighton Elementary	K-4	New School	11,000,000
C-2 Royal Oak/Rocky Ridge Middle	Gr. 5-9	New School	20,200,000
C-3 Tuscany Elementary	K-4	New School	11,000,000
C-4 Northeast Calgary High	Gr. 10-12	New School	60,000,000
R-2 Piitoyis Family School		Replacement School	9,300,000
C-5 Saddle Ridge Middle	Gr. 5-9	New School	20,200,000
C-6 Evergreen Middle	Gr. 5-9	New School	20,200,000
R-3 Elboya School	K-9	Replacement School	18,200,000
School Modernization			
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	24,900,000
M-3 Lord Beaverbrook High School	Gr. 10-12	Preservation/Major Modernization	6,000,000
M-4 Jack James High School	Gr. 10-12	Preservation/Major Modernization	6,000,000
M-5 Thomas B. Riley School	Gr. 7-9	Preservation/Major Modernization	8,200,000
M-6 Robert Warren School	Gr. 5-9	Preservation/Major Modernization	4,500,000
M-7 Nickle School	Gr. 5-9	Preservation/Major Modernization	8,900,000
M-8 Senator Patrick Burns School	Gr. 5-9	Preservation/Major Modernization	11,000,000
M-9 Fairview School	Gr. 5-9	Preservation/Major Modernization	11,000,000
M-10 Louis Riel School	K-9	Preservation/Major Modernization	2,100,000
M-11 Altadore School	K-6	Preservation/Major Modernization	3,900,000
Total			297,600,000

9. Capital Priorities – Year 2 – 2011-2012

The focus on **Year 2** will be to balance four high-priority new school construction projects with five preservation/major modernization projects.

Table 2: 2011-2012 School Capital Plan			
Priority Ranking – Project Description			
New School Construction	Grade	Project Type	2008 Cost (\$)
C-7 New Brighton/Copperfield Middle	Gr. 5-9	New School	20,200,000
C-8 Copperfield Elementary	K-4	New School	11,000,000
C-9 McKenzie Towne Middle	Gr. 5-9	New School	20,200,000
C-10 Springbank Hill Elementary	K-4	New School	11,000,000
School Modernization			
M-12 James Fowler High School	Gr. 10-12	Preservation/Major Modernization	6,000,000
M-13 Ernest Morrow School	Gr. 7-9	Preservation/Major Modernization	10,500,000
M-14 Sherwood School	Gr. 5-9	Preservation/Major Modernization	10,700,000
M-15 Sir Wilfrid Laurier School	Gr. 5-9	Preservation/Major Modernization	6,900,000
M-16 Dr. J.K. Mulloy School	K-6	Preservation/Major Modernization	5,200,000
Total			101,700,000

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10. Capital Priorities – Year 3 – 2012-2013

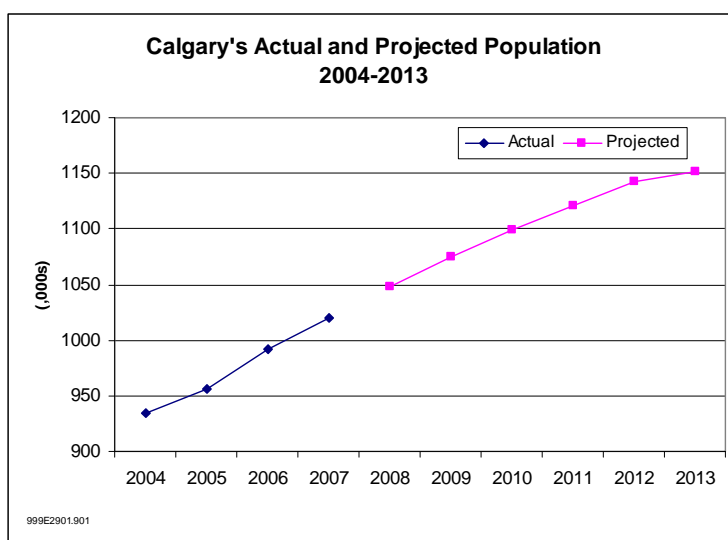
The focus on **Year 3** will be a continued balance of high-priority new school construction projects with preservation/major modernization projects.

Table 3: 2012-2013 School Capital Plan Priorities			
Priority Ranking – Project Description			
New School Construction	Grade	Project Type	2008 Cost (\$)
C-11 Springbank Hill/Discovery Ridge Middle	Gr. 5-9	New School	20,200,000
C-12 West Springs/Cougar Ridge Middle	Gr. 5-9	New School	20,200,000
C-13 Martindale Elementary	K-4	New School	11,000,000
C-14 Cougar Ridge Elementary	K-4	New School	11,000,000
School Modernization			
M-17 Christine Meikle School	Unique	Preservation/Major Modernization	9,000,000
M-18 A.E. Cross School	Gr. 7-9	Preservation/Major Modernization	11,800,000
M-19 Sir John A. Macdonald School	Gr. 7-9	Preservation/Major Modernization	9,800,000
M-20 Henry Wise Wood High School	Gr. 10-12	Preservation/Major Modernization	14,900,000
M-21 Woodman School	Gr. 7-9	Preservation/Major Modernization	11,300,000
Total			119,200,000

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 100,000 students (includes Adult Education) through 214 schools with more than 10,000 permanent employees and an operating budget of \$905.5 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 121,000 persons between 2003 and 2008, an average of 24,200 persons per year.



The City of Calgary's report, *Calgary and Region Socio-Economic Outlook 2008-2013* (August 2008), identifies continued strong growth for Calgary. The City forecast indicates the total population of Calgary will reach 1,152,100 in 2013, an increase of 109,200 persons from the 1,042,900 total as at April 2008 by the Civic Census. The five-year population forecast to 2013 represents an average increase of 21,840 persons per year during this period. Although the report portrays continued

strong growth, economic trends of the past six months suggest a less optimistic forecast in the future.

Calgary Total Population (.000s)										
Actual						Projected				
2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
922	933	956	992	1,020	1,043	1,066	1,089	1,111	1,132	1,152

Calgary and Region Socio-Economic Outlook 2008-2013 (August 2008)

In 2008, Calgary's population grew by 22,950 persons and the total net migration decreased to 12,441 from 17,631 in 2007. This decrease is partly explained by the relatively slower job creation rate in 2008 compared to 2007. The natural increase, defined as births minus deaths, declined to 9,695 in 2008 from 10,552 in 2007. Natural increase is expected to decline continuously over the next five years, falling to approximately 8,300 persons in 2013. In this period, total births should remain relatively constant around 16,000 persons per year while deaths should increase from 6,400 in 2008 to 7,500 in 2013. Net migration is expected to be the major source of population growth over the next five years.

1.1 CBE Student Enrolment

Total CBE enrolment was 101,822 students, effective September 30, 2008. An enrolment of 98,651 students was accommodated at 214 schools and 3,171 students were enrolled at Chinook Learning Services and CBe-learn. For the first time since 1993, kindergarten enrolment is over 7,000 students. A large number of children born in 2003 resulted in an increase in kindergarten registrations. Another such increase in kindergarten enrolment is anticipated in 2010.

Factors that Contributed to the Increase in Overall Enrolment

- Calgary's population grew by approximately 23,000 people and families with school-age children continue to move into the City.
- The number of ESL students immigrating to Calgary increased; an increase of approximately 1,400 students or 7.3% occurred between 2007 and 2008.
- The increasing number of births continues to boost the number of school-age children.
- Alternative programs continue to attract additional students. In particular, Spanish Bilingual and the Traditional Learning Centres reported significant enrolment increases from 2007 to 2008.

Five-Year History of Enrolments by Division

Five-Year History of Enrolments by Division 2004-2008					
	2004	2005	2006	2007	2008
Kindergarten	6,153	6,261	6,477	6,604	7,082
Grades 1-3	20,428	20,634	21,171	20,773	21,299
Grades 4-6	20,276	20,602	20,933	20,773	20,730
Grades 7-9	22,612	22,197	22,415	22,281	22,194
Grades 10-12	25,113	25,886	26,083	25,843	25,712
Outreach & Unique Settings	1,226	1,351	1,398	1,521	1,634
Sub-Total K-12	95,808	96,931	98,477	97,795	98,651
Chinook Learning	2,898	2,747	2,683	2,589	2,492
CBe-learn	455	440	525	651	679
Total	99,161	100,118	101,685	101,035	101,822

Five-Year Enrolment Projections

Total enrolments are expected to increase by 5,353 students from September 2008 to September 2013. A summary of the September 30, 2008, actual student enrolments and September 2009-2013 projected enrolments are below:

Five-Year Enrolment Projections 2009-2013						
	Actual 2008	Projected				
		2009	2010	2011	2012	2013
Kindergarten	7,082	7,075	7,370	7,445	7,415	7,425
Grades 1-3	21,299	22,025	22,780	23,550	23,930	24,305
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- Chinook Learning Services includes approximately 1,000 students who are 20 years old or older on September 1st.
- Projected enrolment does not include pre-kindergarten students.
- All projections are subject to annual review and update.
- Projections use September 30, 2008, enrolments as a base, and five-year average trends.

1.2 Calgary Growth and Development

A major challenge for the CBE in new school construction is working within the growth trends and development practices of the City of Calgary. The policy of the City is to have, within the City's jurisdiction, at least a thirty-year supply of developable lands to allow for the comprehensive planning of new areas and encourage choice and competition in the market place.

The City of Calgary supports an actively competitive land market in all areas of the City and there are 31 new and developing municipal communities (*Suburban Residential Growth, May 2008*) 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. New schools in the right places support CBE's desire to accommodate students closer to home. In terms of distribution of population growth, the 2006-2007 population increased 25,752 persons in the developing municipal communities, and increased 2,431 persons in the inner-city and established areas.

Forecasted Suburban Growth – 2008-2012

As identified in the *Suburban Residential Growth 2008-2012*, 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 97% is used to allocate the share of the total for the *Suburban Residential Growth 2008-2012*.

Multi-unit development in the new suburbs varies quite considerably from year-to-year and has ranged from between 34% to 57% over the last five years. This share has averaged 43% over the last five years. For the purposes of forecasting, the *Suburban Residential Growth 2008-2012* uses an assumption that 55% of all the City multi-units will occur in the new suburban communities.

Although the total population growth to the City as a whole is expected to be 121,800 people, the new suburban areas have grown at a higher rate. Assuming that the recent historical trend continues into the next five years, the forecasts presented below would average 105% and are used to build out the developing suburbs. These new areas have historically captured all of the population growth to Calgary by pulling additional populations from the built areas of the City. This growth means the City will likely add 122,700 to 135,600 people to the new suburban areas.

A summary of the 2008-2012 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 2008 were:

- Panorama Hills (N)
- Evergreen (S)
- Auburn Bay (SE)
- Cranston (SE)
- Copperfield (SE)
- Silverado (S)
- Taradale (NE)
- New Brighton (SE)
- McKenzie Towne (SE)
- Bridlewood (S)

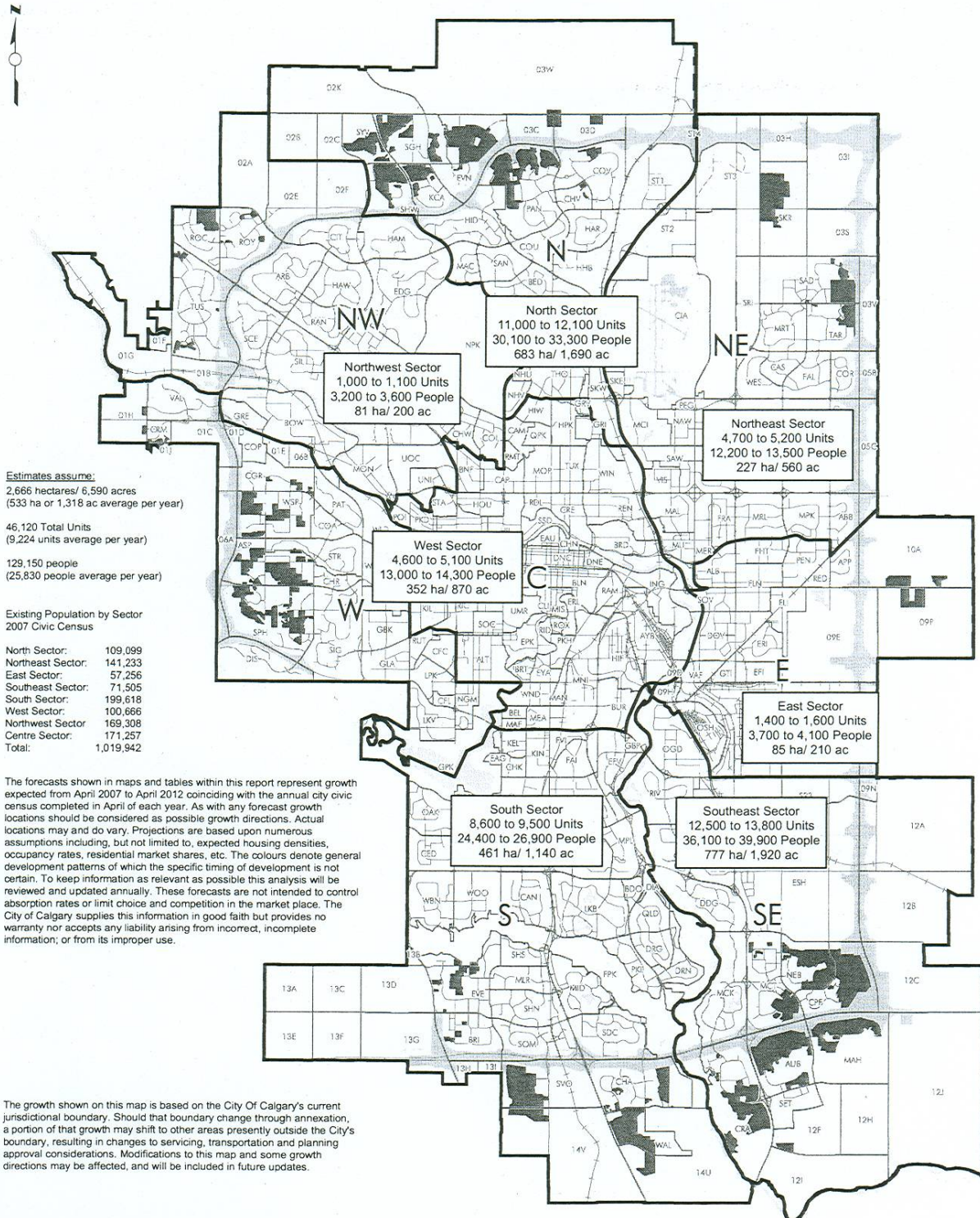
City Growth Trends by City Sector 2008-2012				
Sector	Housing Units	Population Forecast	Hectares	Acres
Northwest	1,000-1,100	3,200-3,600	81	200
North	11,000-12,100	30,100-33,300	683	1,690
Northeast	4,700-5,200	12,200-13,500	227	560
East	1,400-1,600	3,700-4,100	85	210
Southeast	12,500-13,800	36,100-39,900	777	1,920
South	8,600-9,500	24,400-26,900	461	1,140
West	4,600-5,100	13,000-14,300	352	870

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

City Growth Trends by CBE Area 2008-2012	
Area	Population Forecast
Area I	11,400
Area II	23,900
Area III	17,200
Area IV	13,600
Area V	63,600

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.

City of Calgary Planning Sectors
 City of Calgary, *Suburban Residential Growth 2008-2012*



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1.3 Plan It Calgary

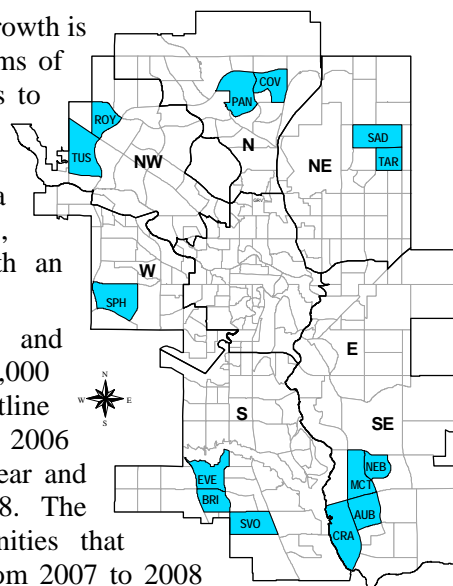
On November 3, 2008, City Council approved eight Key Directions for Land Use and Mobility and these directions will be used to develop policy for the overall plan. The *Plan It Calgary* document is expected to be at City Council in June 2009 for review and approval. *Plan It Calgary's* Integrated Land Use and Mobility Plan will replace the existing Municipal Development plan (MDP) and the Calgary Transportation Plan (CTP) as the overarching policy documents for the City.

The City of Calgary's *Plan It Calgary* document will be investigating opportunities for greater intensification of older established communities in the future. *Plan It Calgary* is currently being prepared and will result in a long-term integrated land use and mobility plan for the City. There is a projected growth of 1.3 million people over the next 50 to 70 years and *Plan It Calgary* will identify the way the City grows.

The Key Directions for Land Use and Mobility in Calgary aim to increase densities at strategic locations in 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. *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.

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 2007 Census to the April 2008 Census, there were 14 developing communities where the population increased by more than 1,000. Two communities exceeded a 2,000-person population increase: Panorama Hills, with an increase of 2,392 and Evergreen, with an increase of 2,375.

In contrast, no community in the inner-city and established areas exceeded an increase of 1,000 population between 2007 and 2008. The Beltline community had increased 1,132 persons between 2006 and 2007; however, growth stabilized the past year and only increased 24 persons between 2007 and 2008. The only other inner-city and established communities that exceeded a 200-or-greater population increase from 2007 to 2008 were CFB - Lincoln Park (382 increase), Downtown Commercial Core (364), Bridgeland (277), Spruce Cliff (244) and Glamorgan (204). The CFB - Lincoln Park increase has been a result of the Canada Lands Redevelopment and the Bridgeland increase is primarily from the Old General Hospital site redevelopment by the City.



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

Communities with 1,000+ Population by City Sector		Communities with 1,000+ Population by City Sector	
Northwest Sector		Southeast Sector	
Royal Oak	1,223	Auburn Bay	1,249
Tuscany	1,086	Cranston	1,363
		McKenzie Towne	1,313
		New Brighton	1,262
North Sector		South Sector	
Coventry Hills	1,170	Bridlewood	1,038
Panorama Hills	2,392	Evergreen	2,375
		Silverado	1,171
Northeast Sector		West Sector	
Saddle Ridge	1,553	Springbank Hill	1,147
Taradale	1,912		

Source: 2008 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 Calgary Board of Education (CBE) has monitored the annexation activities between the City of Calgary and the Municipal District of Rocky View and the Municipal District of Foothills. The annexation of the MD of Foothills lands to the south was approved effective January 1, 2005. The annexation of the MD of Rocky View lands to the west, north and east was approved effective January 1, 2007.

The recent annexed land of the MD of Rocky View, consisting of 25,000 acres (39 square miles), is on **Map 2** and as follows:

1. Approximately 14,000 acres in two groupings along the City's eastern boundary, south of Highway 1 and north of the Bow River.
2. Approximately 9,000 acres along the City's northern boundary, west of Highway 2.
3. Approximately 2,000 acres along the City's western boundary, lying north of the Bow River adjacent to the Bearspaw Reservoir and lying south of the Bow River, straddling Highway 1.

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. During the past two years, CBE administration has been in discussions with the administration of the Foothills School Division and the Rocky View School Division on school boundaries. To date, ministerial orders have not occurred to adjust the CBE school boundaries to align with City boundaries.

At the CBE Board Meeting of January 29, 2008, the Board of Trustees endorsed the following motion:

“THAT the Calgary Board of Education request the City of Calgary Council to endorse the position of coterminous boundaries, for the CBE and City of Calgary, to the Minister of Education and Minister of Infrastructure and Transportation.”

A letter was sent on behalf of the CBE Board of Trustees to Calgary City Council on March 5, 2008, reflecting the above motion and the City of Calgary has endorsed the value and desirability of contiguous boundaries in a letter dated May 15, 2008. A letter was sent on behalf of the CBE Board of Trustees to the Province on June 25, 2008, requesting that the City of Calgary and CBE boundaries be coterminous to ensure proper municipal and school board planning into the future. The Province responded July 17, 2008, indicating that the Minister would be deferring a decision on this matter pending a review of the current situation.

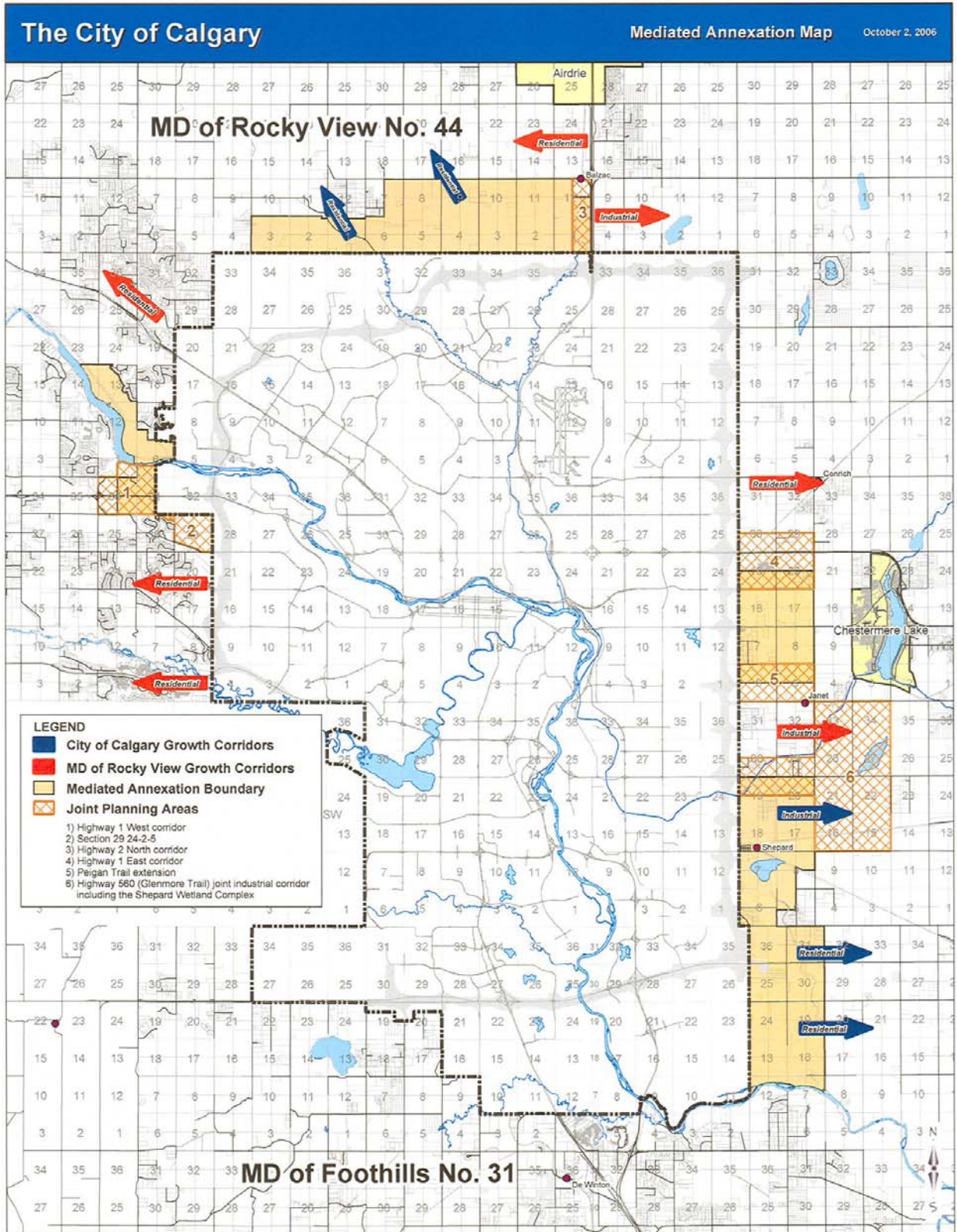
The Minister of Education has written a letter to Chair Cochrane, dated February 23, 2009, that he will not invoke his authority under Section 239 of the *School Act* to add or take lands from the affected school jurisdictions. Therefore, the Calgary Board of Education, Calgary Roman Catholic Separate School District, Foothills School Division, Christ the Redeemer Catholic Separate Regional Division and the Rocky View School Division will continue to operate with their current educational boundaries.

The Minister of Education’s letter also indicates that it is in the best interest of students to leave school jurisdiction boundaries, as they currently exist. However, boundaries may be looked at in the future if urban development warrants a further review. The CBE Board of Trustees strongly endorses the value and desirability of contiguous boundaries with the City of Calgary and plans to actively pursue this recent decision.

For the 2008-2009 school year the status quo for student boundaries and designations will be maintained for those public school students currently attending schools in the Rocky View or Foothills school divisions.

The Walden community, 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. The Walden community will build out to 17,600 persons and a growth of approximately 6,000 persons is forecast for the next five years. This area is within the City of Calgary but outside the current CBE boundary. The CBE desires its boundaries to be coterminous with the City of Calgary boundaries. Based on growth projections no new school is required in this community for several years.

City of Calgary Mediated Annexation Map



2.0 CAPITAL STRATEGIES

2.1 Calgary Board of Education

The CBE is pursuing new capital funding strategies 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 and senior high schools serving large geographic Areas. The CBE defines a school community (attendance area) as the population required to sustain a school.

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. A compilation of the major work of the five Areas forms the basis upon which this plan is developed. The Board of Trustees approved the Three-Year Education Plan 2008-2011 on May 6, 2008. This year's Three-Year Education Plan (2009-2012) is currently being prepared.

2.3 Administrative Areas and Space Utilization

The CBE has five administrative Areas as indicated on **Map 3**. This school capital plan will review all units with new and developing communities for new school construction eligibility within each of these Areas. 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.

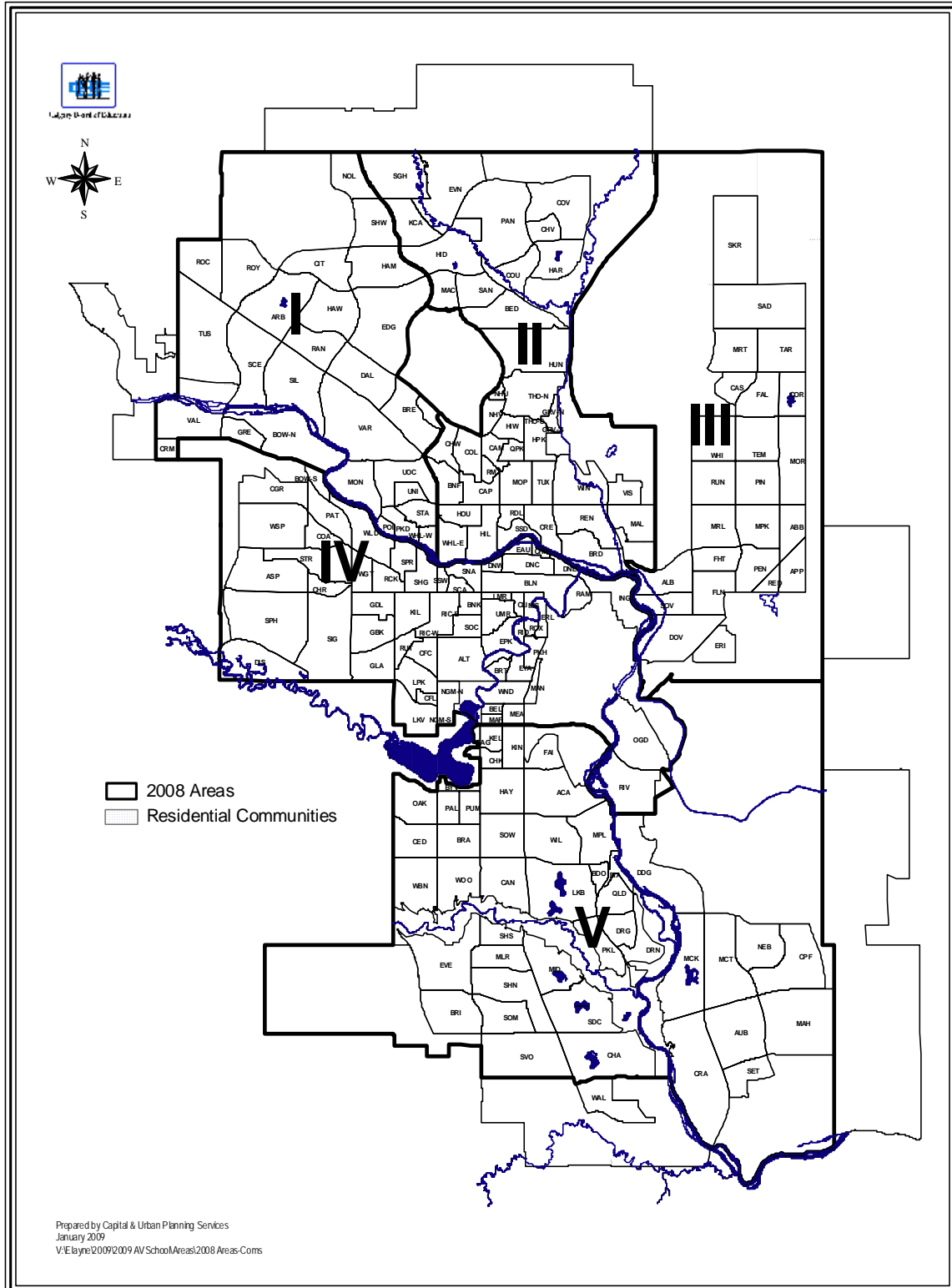
The CBE desires to use their facilities efficiently and continues to work toward an 85% utilization rate. Currently, the CBE's overall utilization rate by enrolment is 79.1%. The utilization rate is 77.1% for K-9 students and 84.3% for Grades 10-12 students. The CBE will continue to use planning strategies as identified in Section 3.0 to improve use of facilities and increase utilization rates in Areas with low utilization.

A summary of utilization by residence and enrolment follows below and is included in detail in Appendix I. Utilization by residence identifies the number of students residing in an Area expressed as a percentage of the total capacity. Utilization by enrolment identifies the number of students attending schools in an Area expressed as a percentage of the total capacity.

Area Utilization by Student Enrolment				
Area	2008-2009 Actuals		2012-2013 Projections	
	K-9 % Utilization	Grades 10-12 % Utilization	K-9 % Utilization	Grades 10-12 % Utilization
Area I	80.7%	85.2%	78.1%	79.2%
Area II	76.6%	84.2%	71.8%	78.2%
Area III	80.0%	83.6%	83.6%	77.7%
Area IV	68.4%	80.9%	71.1%	78.3%
Area V	78.4%	89.3%	77.0%	86.2%

Area Utilization by Student Residence				
Area	2008-2009 Actuals		2012-2013 Projections	
	K-9 % Utilization	Grades 10-12 % Utilization	K-9 % Utilization	Grades 10-12 % Utilization
Area I	89.1%	119.5%	85.6%	110.3%
Area II	63.3%	55.3%	63.5%	51.0%
Area III	91.9%	132.7%	88.9%	122.4%
Area IV	68.1%	71.9%	70.5%	69.1%
Area V	78.9%	95.5%	77.0%	91.6%

2008-2009 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-W	West Hillhurst-E
DNE	Downtown East Village	PAN	Panorama Hills	WHL-E	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 New School Construction and School Approvals

The recent and future school openings are listed below:

Recent School Openings					
School Year Opening	School	Grade	Provincial Capacity	Provincial Approval	Day School Opened
2006-2007	Chaparral	K-4	473	April 11, 2003	Nov 14, 2006
	Citadel Park	K-4	473	April 11, 2003	Nov 7, 2006
	Douglasdale	K-4	525	April 11, 2003	Sep 5, 2006
	Mountain Park	Grades 5-9	954	April 11, 2003	Sep 5, 2006
	Radisson Park	K-4	400	September 2004	Oct 11, 2006
2007-2008	Tuscany	K-4	530	March 29, 2004	Sep 5, 2006
	Arbour Lake	Grades 5-9	721	March 29, 2004	Sep 4, 2007
	Battalion Park	K-6	634	March 29, 2004	Sep 4, 2007

The CBE is currently undertaking construction of four schools through traditional design and construction processes funded by the Province and administered by the CBE. Four schools will be ready for the 2009-2010 school year.

On June 14, 2007, the Province approved six elementary schools in Calgary for the CBE. All schools are part of the Alberta Schools Alternative Procurement (ASAP) Phase 1 project and will be built using a P3 model. Alberta Infrastructure is managing the project and an announcement was made September 19, 2008, that the P3 partner for ASAP Phase 1 will be Babcock and Brown Public Partnership Ltd.

On January 30, 2008, the Province approved an additional five CBE schools consisting of four middle schools and one senior high school. All schools are part of the ASAP Phase 2 project and will be built using a P3 model. These schools are in the design phase and a P3 partner for ASAP Phase 2 will be selected in the summer of 2009.

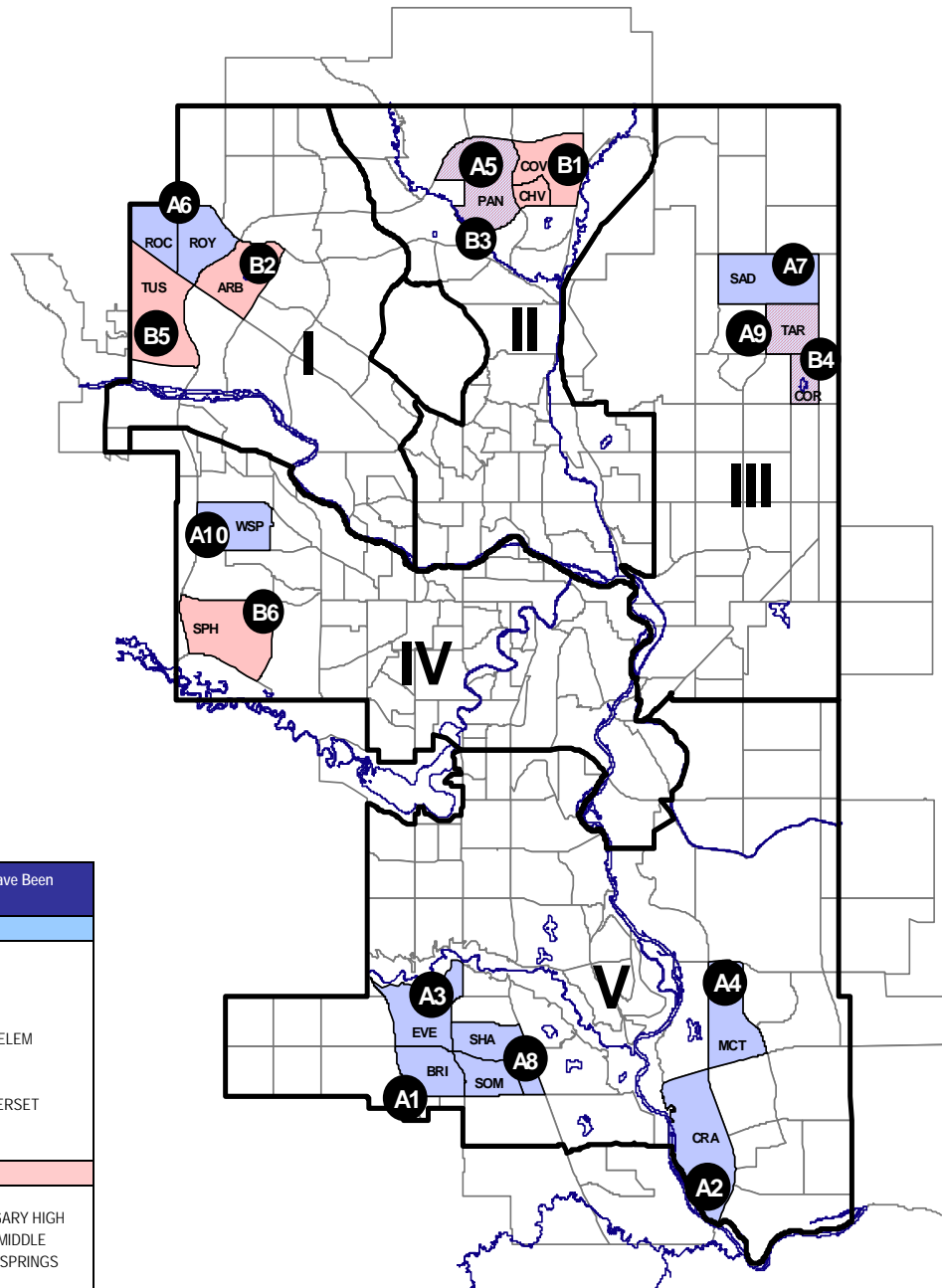
The City of Calgary, the Province and CBE have entered into a Memorandum of Agreement for the construction of the West Calgary High School (project name). This will be a replacement school for Ernest Manning High School that will be closed as a result of the west LRT project being undertaken by the City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

Future School Openings				
School Year Opening	School	Grade	Approved Capacity	Approval Date
2009-2010	Shawnessy/Somerset	Grades 5-9	850	September 16, 2005
	Panorama Hills	K-4	550	August 31, 2006
	Taradale	K-6	650	August 31, 2006
	McKenzie Towne	K-4	650	August 31, 2006
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	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	1,500	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

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

Map 4

School Construction Projects



Communities Where Schools Have Been Approved for Funding	
Under Construction	
BRI	A-1 BRIDLEWOOD
CRA	A-2 CRANSTON
EVE	A-3 EVERGREEN
MCT	A-4 MCKENZIE TOWNE
PAN	A-5 PANORAMA HILLS ELEM
ROY	A-6 ROYAL OAK
SAD	A-7 SADDLE RIDGE
SHA	A-8 SHAWNESSY/SOMERSET
TAR	A-9 TARADALE
WSP	A-10 WEST SPRINGS
Design Stage	
COU	B-1 COVENTRY HILLS
ARB	B-2 NORTHWEST CALGARY HIGH
PAN	B-3 PANORAMA HILLS MIDDLE
TAR	B-4 TARADALE/CORAL SPRINGS
TUS	B-5 TUSCANY
SPH	B-6 WEST CALGARY HIGH

- Schools Approved for Funding - Under Construction
- Schools Approved - Design Stage
- Community has a School Under Construction and a School in Design Stage

Prepared by Capital & Urban Planning Services
February 2009

V:\Ebayne\2009\2009 AVSchool\Projects\New School Construction\School Construction Projects

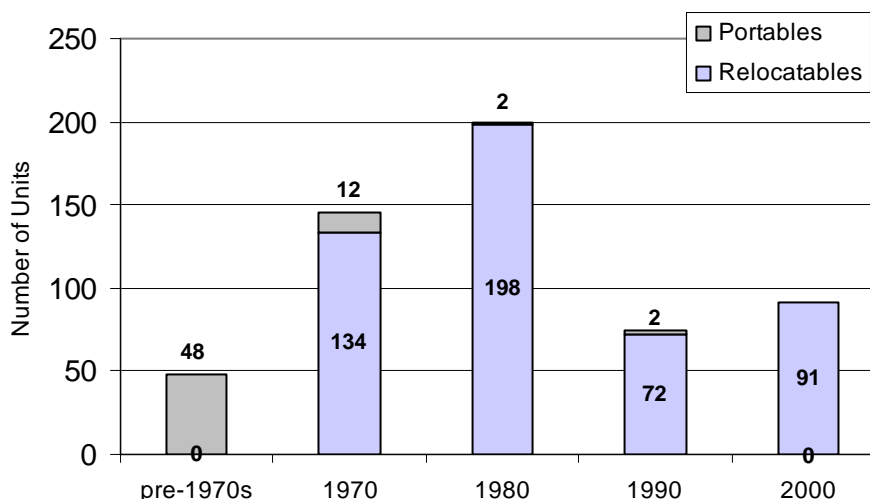
2.5 Portable/Relocatable Projects

2.5.1 Portable/Relocatable Demolition and Replacement

Generally, the CBE defines a *portable* as the older 1960s style of unit designed to be a stand-alone-type with exterior siding on all four sides. A *relocatable* is defined as a unit designed to be part of a group that is joined together, has an attached corridor and connects to a school.

The CBE has 64 portable units and 495 relocatable units in its inventory. Most of these units were constructed prior to 1997 and do not conform to the current Alberta Building Code. The portables and relocatables built in the 1950s, 1960s and 1970s represent 35% of the inventory that have exceeded the original lifecycle. As a result, many units require significant upgrades and/or reconstruction when relocated. This sometimes costs more than 75% of the unit replacement value.

Portables/Relocatables



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In order to improve the quality of the learning environment, reduce system capacity, right-size schools and eliminate ongoing maintenance of aging structures, an evaluation of portables and relocatables was undertaken in the latter half of 2007. Portables and relocatables were considered for demolition, as well as demolition and replacement in terms of condition, maintenance, school utilization rates and accommodation plans. The focus has been on portables built prior to 1980.

The age of portables/relocatables is a key factor in terms of the potential for demolition. Maintenance activities were also reviewed to assess work that had been completed for floor finishes, furnaces, windows, exterior siding and roofs. School utilization rates, enrolment projections, school role and future accommodation plans play an important role in making decisions about portable/relocatable units that should be demolished.

A review of background information narrowed the list to 36 schools, with aging portables, that were evaluated for demolition, or demolition and replacement. In the demolition with no replacement group, schools with aging portables and declining enrolments should be right-sized through the demolition of portables. This will assist with the reduction of system capacity and eliminate ongoing maintenance of aging structures. In the demolition with replacement group, schools with strong enrolments into the future should have their portables demolished and replaced. This will enhance the learning environment through the provision of new classroom space to current standards and minimize maintenance costs in the future.

As a result of the evaluation, 17 portables were demolished in the summer of 2008 and reductions are reflected in the current totals. Ten of the 17 demolitions were replaced with eight new relocatables and two existing relocations from schools.

2.5.2 New Relocatable Classrooms

Over the past three years the Province has been responsible for the provision of relocatables. An additional four new units were constructed and ready for accommodating students in the schools with critical enrolment and program needs for the 2008-2009 school year. As well, four portable/relocatable moves were undertaken from existing schools to high-enrolment schools for the 2008-2009 school year.

2.6 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. There are 148 CBE schools that are greater than 40 years old representing 63% of the CBE inventory (Appendix II). Until the approval of Western Canada High School's \$35 million modernization in 2007, the CBE had not received a modernization approval from the past five school capital plans.

In 1999, Alberta Infrastructure completed the School Facility Evaluation project which audited all school buildings in the Province. The intention of the audit was to assess the relative condition of all Alberta schools. The audit reports resulting from this project are intended to assist with the capital planning process. In 2004, the Province undertook a rolling condition assessment of schools in the School Facilities Re-evaluation Project and approximately 86 CBE facilities have been evaluated to date. An additional 86 schools have been re-evaluated during 2007 and 2008 and detailed data availability is pending.

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 four senior high schools in 2010-2011 and one senior high school in 2011-2012. 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 (Lord Shaughnessy, Bowness, Lord Beaverbrook and Jack James) and James Fowler has been placed in Year 2. Bowness High School has also been a previously top-ranked modernization project in past school capital plans.

The modernization of these five schools for the CTS curriculum will include upgrading the mechanical and electrical equipment and replacement of worn architectural finishes and/or fixtures. The proposed projects will modernize the CTS and related spaces and enhance the teaching environment.

There is one additional specialized curriculum-based priority that needs to be recognized. Christine Meikle School has been identified as a new project this year and is placed in the 2012-2013 preservation/major modernization projects list as the first-ranked priority.

2.7 Property and Leasing Strategies

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

Issues and strategies relating to leasing and accommodation planning that are being discussed and explored in support of this *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 space should be “cost neutral” to the CBE unless otherwise approved by the Board of Trustees.

Strategy:

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

The Board supports the lease of surplus space in operating schools to the public sector and those non-profit groups whose programs support CBE programs and initiatives and which are aligned with the Board’s vision and philosophy. 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 (Provincially 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:

System renewal involving alternative programs, programs of choice and administrative space requirements are ongoing and need to be considered on a system basis through the System Student Accommodation Planning Process (SSAPP).

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 SSAPP.

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. Schools which have been formally closed by the CBE may be considered for alternate CBE occupation, lease to a third party or 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 site. Student accommodation requirements, as well as building status and land ownership details are included as part of this analysis.

2.8 Property and Leasing Policy

Property and leasing policies adopted by the CBE 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 policy which satisfies all regulatory requirements while addressing Board objectives and allowing for innovative solutions to complex issues concerning Board properties.

A key strategy of the CBE with respect to the property and leasing policy is to review on an ongoing basis closed schools and identify those properties as being either temporarily or permanently surplus to Board needs. This review process assists in determining whether a property is reoccupied for CBE purposes, leased, or recommended for disposition.

Implementation of a policy that is responsive to student accommodation planning initiatives in addressing use of space in operating schools is another key consideration of the CBE's property and lease policy.

The current property and leasing policy allows for new uses of surplus school space which may create added value for schools and the municipal communities they serve. The policy sets the framework for effective management of leased space and ensures the lease of school properties is provided on a defined and consistent basis, in accordance with CBE Ends and Administrative Regulations.

2.9 Alternative Funding Models

The large number of recent approvals from the past School Capital Plan 2007-2010 will help to reduce the pressure for alternative funding models in the future to meet new school construction priorities. As identified earlier in Section 2.3, the Province has approved one senior high, four middle and six elementary schools the past year. These approvals will assist in meeting new school needs for high priority communities where demand is great. Babcock and Brown Public Partnership Ltd. have been approved as the P3 Partner for construction of six elementary schools as part of ASAP Phase 1. The ASAP Phase 2 project is in the design process for one senior high and four middle schools and a P3 partner will be selected by summer 2009.

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:

Application of Land Sales Proceeds

The City of Calgary purchased the Milton Williams School site to enable land for the construction of the Glenmore Trail/Elbow Drive Interchange project. The proceeds from the sale were used to modernize and upgrade Willow Park School and Sir John Franklin School for the Arts-Centred Learning Program. The potential exists to use funds from non-reserve sites that are sold to upgrade schools or build new schools.

Leased Space

Examples of CBE leased space are:

- The W.H. Cushing Workplace School is a renovated space in a downtown office building for Kindergarten to Grade 3 students of downtown workers.
- There are Outreach Programs in the community of Bowness, the Downtown area, Marlborough Mall and Westbrook Mall.

IMR Financing of Modernization Projects

The modernization block funding ceased in 2001. A portion of IMR funds was allocated to address program-driven facility changes of \$1.5 million in 2005-2006, \$2.2 million in 2006-2007 and \$3.6 million in 2007-2008. A budget of \$3.6 million was approved for 2008-2009.

Performance Plus Contract

A comprehensive pilot for seven schools was initiated in 2003. The projects included energy consumption related work of \$2.5 million and other renewal work of \$270,000. The Province approved borrowing to finance the project. It was fully funded through energy savings guaranteed by the contractor. The unique financing approach yielded a net borrowing rate of 0.45%. The CBE is undertaking the next project for eight schools for energy consumption-related work of \$4.2 million. This financing approach will yield a net borrowing rate of 0.55%. A new performance contract for an additional 35 schools is currently in the early stage. The financing approach will yield a net borrowing rate of .85%. The contract has been awarded to Johnson Controls, with the project anticipated to span over the 2009-2010 school year. The approximate project value is set at \$15.3 million.

Public Private Partnerships (P3s) for New Schools and Major Modernizations

An Expression of Interest (EOI) was advertised by the CBE in early 2004 and identified two categories of projects, new schools and modernization of schools, with total values in the range of \$320 million. A CBE Executive Steering Committee was assembled to review the submissions and create a short list of the most qualified proponents who would be invited for the Request for Proposal (RFP) phase.

A letter was sent February 2004 to Alberta Infrastructure and Transportation/Education for approval to proceed and in May 2004, the Province identified additional requirements. Conditions of the Province were considered to be onerous and the CBE did not pursue the RFP.

The CBE initially pursued a P3 for the construction of Radisson Park School as a replacement school for David D. Oughton School and Albert Park School. The new Radisson Park School opened for the 2006-2007 school year and was developed on the same site as Sir Wilfrid Laurier School which became a middle school (Grades 5-9). The school was built by a private developer who was paid from the Capital Reserve. The David D. Oughton site was sold to the City of Calgary on December 18, 2008. The Albert Park site is in the process of being re-tendered. The sale proceeds from these schools will repay the Capital Reserve for development costs of the Radisson Park School.

2.10 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 have been identified as opportunities for the CBE working together with the City on significant challenges:

- The City has approved the west LRT as the next new LRT line to be constructed. The west LRT will have an impact on Ernest Manning High School. The City of Calgary, the Province and the CBE have entered into a Memorandum of Agreement for the construction of a West Calgary High School to replace Ernest Manning High School. Ernest Manning will be closed once students have relocated to the new school. This project is discussed further in Section 4.4.
- The CBE worked with the City on plans and projects in the Downtown and Beltline areas such as the new CBE Education Centre on the Dr. Carl Safran School site and renovations to Connaught School that are currently in the construction phase.
- The CBE and the City have participated on a Provincial Working Committee with City of Edmonton representatives to investigate 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 in the fall of 2008 to accommodate community uses.
- CBE representatives have been involved in city-wide initiatives such as the new Land Use Bylaw, annexation and *Plan It Calgary*. The Land Use Bylaw update and annexation are completed, while *Plan It Calgary* is still active and expected to be at City Council in spring 2009.
- Ecologically friendly initiatives that represent a mutual commitment to responsible stewardships of our respective environments. 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.

3.0 PLANNING AND CONSOLIDATION OF SURPLUS SPACE

3.1 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.

3.2 System Student Accommodation Planning Process

The CBE has a System Student Accommodation Planning Process (SSAPP) to inform appropriate decision making and timely consultation for community members and parents in CBE accommodation planning. The process applies to and informs recommendations regarding all school and program accommodation issues. The SSAPP supports the Three-Year Education Plan, Area Renewal Plans, School Capital Plan and the Ten-Year Facilities Plan.

There are three steps in the SSAPP:

- Step One: Identification of Student Accommodation Needs
- Step Two: Development of Accommodation Plans
- Step Three: Approval and Implementation

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 to engage internal and external stakeholders regarding student accommodation challenges.

3.3 Planning Strategies

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

- Prepare annually the Ten-Year Facilities Plan, supported by the ten-year accommodation strategy, which identifies a role for each school over five-to-ten years.
- Undertake an annual review through the SSAPP 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.

Below is a summary of accommodation planning for each Area that reflects Area Renewal and the SSAPP:

Area I:

- A new elementary school (K-4) in Royal Oak is under construction and is scheduled to open in the 2010-2011 school year.
- A new middle school in the Tuscany community was approved by the Provincial government and is scheduled to open in the 2012-2013 school year.
- There are pressures for the construction of new schools in the new and developing communities such as a new middle school for Royal Oak/Rocky Ridge and a second elementary school for Tuscany.
- The Province approved the construction of the Northwest Calgary High School (Grades 10-12) and is scheduled to open in the 2013-2014 school year.
- Thomas B. Riley School will continue to offer the Traditional Learning Centre program for Grades 7-9 for the 2009-2010 school year.
- Grades 9-12 students will be designated to Crescent Heights High School for the Traditional Learning Centre program for the 2010-2011 school year.
- Approximately 859 m² of space (12 classrooms) are leased on a full-time basis and one surplus facility at Jerry Potts is fully leased.

Area II:

- The new elementary school (K-4) in Panorama Hills is under construction and is scheduled to open for the 2009-2010 school year.
- Two new middle schools in the Coventry Hills and Panorama Hills communities were approved by the Province and are scheduled to open during the 2012-2013 school year.
- An Arts-Centred Learning program was established at James Fowler High School, effective September 2008.
- A Spanish Bilingual program for Area I, II and III students will be established at William Aberhart High School, effective August 2009.
- The K-6 Mandarin Bilingual program transferred from Langevin School to King George School and opened for the 2008-2009 school year.
- The Traditional Learning Centre K-2 program opened at Highwood School to accommodate demand for the 2008-2009 school year.
- The Board of Trustees approved the staged closure of the Grades 7-9 Regular program at Sir John Franklin, effective June 30, 2010, and students will be designated to Colonel Macleod for the 2009-2010 school year.
- Approximately 1,677 m² of space (18 classrooms) are leased on a full-time-basis and one surplus facility is fully leased at Renfrew.

Area III:

- A new elementary school (K-6) in Taradale is under construction and is scheduled to open in the 2009-2010 school year.
- A new elementary school (K-4) in Saddle Ridge is under construction and is scheduled to open in the 2010-2011 school year.
- A new middle school in Taradale (Grades 5-9) has been approved by the Province and is scheduled to open during the 2012-2013 school year.
- There are enrolment pressures for the construction of a second elementary school in Martindale and a new middle school in the developing community of Saddle Ridge.

- There are enrolment pressures for a new northeast high school located in Martindale to serve the developing northeast communities.
- Approximately 142 m² of space (2 classrooms) are leased on a full-time basis in this Area. In addition, one surplus facility has been fully leased at Mountain View School.

Area IV:

- A new elementary school (K-4) in West Springs is under construction and is scheduled to open in the 2010-2011 school year.
- The CBE, the Province and the City of Calgary have entered into a Memorandum of Agreement for a new West Calgary High School, Grades 10-12, to replace Ernest Manning High School.
- There are pressures for the construction of new elementary schools for Cougar Ridge and Springbank Hill and new middle schools for West Springs/Cougar Ridge and Springbank Hill/Discovery Ridge.
- On December 2, 2008, the Board of Trustees approved the staged closure of the K-6 Regular program at Glamorgan School, and the K-6 Regular program at Killarney School.
- Westmount Provincial Charter School leases half of Viscount Bennett School and Chinook Learning Services uses the other half.
- Students from the Beltline community are temporarily housed at Kingsland School until renovations are completed at Connaught School for August 2009.
- The Piitoayis Family School is currently accommodated in Colonel Walker School and is open to students who want an Aboriginal-based education. A modernized school is required to accommodate the Piitoayis Family School on a permanent basis.
- The Regular program at Windsor Park closed, effective June 30, 2008, and students were designated to Elboya School, effective September 2008.
- Approximately 3,965 m² of space (44 classrooms) are leased on a full-time basis in this Area. In addition, six surplus facilities are fully leased at Bel-Aire, Clem Gardner, Glenmeadows, Knob Hill, Lakeview and Spruce Cliff. One surplus facility is partially leased at Viscount Bennett.

Area V:

- A new middle school (Grades 5-9) in Shawnessy is under construction and is scheduled to open in the 2009-2010 school year. Millrise, Shawnee Slopes and Somerset Grades 5-9 students will also be accommodated at this new middle school.
- A new elementary school (K-4) in McKenzie Towne is under construction and is scheduled to open in the 2009-2010 school year.
- A new elementary school (K-6) in Bridlewood is under construction and is scheduled to open in the 2010-2011 school year. As well, two new schools for K-4 students in the Cranston and Evergreen communities are under construction and are scheduled to open for the 2010-2011 school year.
- A Traditional Learning Centre program will open August 2009 at Henry Wise Wood.
- The Traditional Learning Centre program at Fairview School will accommodate Grades 5-8 students for August 2009.
- A French Immersion program opened September 2008 at Janet Johnstone School and will accommodate K-2 students for the 2009-2010 school year.
- The grade configuration at Canyon Meadows School changed from K-6 to K-4 for the Spanish Bilingual program. The grade configuration at Robert Warren School for the Spanish Bilingual program will be Grades 5-9 as the program expands a grade each year.

- The grade configuration at Robert Warren School changed from Grades 7-9 to Grades 5-9 for the Regular program.
- The grade configuration at Sam Livingston School will change from K-6 to K-4 for the French Immersion program over the 2009-2010 and 2010-2011 school years.
- The grade configuration at Fairview School will change from Grades 7-9 to Grades 5-9 for the French Immersion program over the 2009-2010 and 2010-2011 school years.
- There are enrolment pressures for construction of elementary schools in Copperfield and New Brighton and middle schools in Evergreen, McKenzie Towne and New Brighton/Copperfield.
- Approximately 169 m² of space (2 classrooms) are leased on a full-time basis in this Area. In addition, five surplus facilities have been fully leased at Alice M. Curtis, Andrew Davison, Dr. Norman Bethune, Fred Seymour and Southwood.

3.4 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 SSAPP.

Since 2005, the CBE has closed five schools:

Area	2005	2006	2007	2008
I		Jerry Potts		
II				
III	Albert Park David D. Oughton			
IV	Ogden			
V		Fred Seymour		

There were no school closures during the 2008-2009 school year.

Since 2005, the CBE closed thirteen programs:

Area	2005	2006	2007	2008
I		Brentwood (Reg K-6)		
		Varsity Acres (Reg K-6)		
II		Balmoral (Reg 7-9)	Langevin (Reg K-9)	
			Branton (Reg 7-9)	
			Greenview (Reg & FI K-6)	
III				
IV	Westgate (Reg K-6)			Windsor Park (Reg K-6)
				Piitoyis Family School (Gr. 7-9)
V		Willow Park (Reg K-6)	Kingsland (FI K-6)	Canyon Meadows (Reg K-6)
				Sam Livingston (Reg K-6)

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 SSAPP identifies future accommodation plans for the five Areas. Strategies identified in this School Capital Plan are consistent with the SSAPP.

There are currently ten schools in the construction process and an additional six schools that are in the design process. In terms of the six latter schools, five will be part of the Provincial ASAP Phase 2 process and the West Calgary High School will be undertaken by the City of Calgary. There will be significant capacity added to the CBE over the next five years and potential school space consolidation will need to be evaluated.

The table below identifies schools (opening day capacity) that will come on stream in the future (2009-2014):

New Schools Approved & Under Construction		
Area	School	Opening Day School Capacity
Area I	Tuscany 5-9	900
	Royal Oak K-4	550
	Northwest Calgary High School	1,500
	Area I Capacity	2,950
Area II	Panorama Hills K-4	450
	Panorama Hills 5-9	900
	Coventry Hills 5-9	900
	Area II Capacity	2,250
Area III	Saddle Ridge K-4	550
	Taradale K-6	650
	Taradale 5-9	900
	Area III Capacity	2,100
Area IV	West Calgary High School	1,500
	West Springs K-4	550
	Area IV Capacity	2,050
Area V	Evergreen K-4	550
	Bridlewood K-6	600
	McKenzie Towne K-4	450
	Shawnessy/Somerset 5-9	850
	Cranston K-4	550
	Area V Capacity	3,000
Total School Space Capacity		12,350

The SSAPP will identify considerations for closure of schools on a rolling two-year basis. The estimated capacity that can be reduced over the next ten years is in excess of 15,000 student spaces.

3.5 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 SSAPP, these programs are initiated where space is available and as close as possible to where demand for the programs exists.

School Capital Plan 2010-2011, 2011-2012, 2012-2013

In September 2008, the following programs expanded to new sites as a result of grade expansion or in response to demand from stakeholders:

Area	School	Program
Area I	Thomas B. Riley School	Traditional Learning Centre program opened to accommodate Area I students in Grades 7 and 8.
Area II	King George School	Kindergarten to Grade 6 Mandarin Bilingual program transferred from Langevin School to King George School to accommodate anticipated demand for both the Mandarin and Science program.
Area II	Highwood School	Traditional Learning Centre program, Kindergarten to Grade 2, opened to accommodate demand for the program in Area II.
Area V	Robert Warren School	Spanish Bilingual program, Grades 5-7, opened for Areas IV and V, to accommodate students closer to home.

4.0 NEW SCHOOL CONSTRUCTION CAPITAL PLAN CRITERIA

The CBE defines a school community (attendance area) 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.

4.1 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 2010-2013 School Capital Plan 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 (attendance area). 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.

It has been determined, for example, that Royal Oak and Rocky Ridge can be accommodated in one elementary school and one middle school. The Royal Oak School (K-4) has been approved and can accommodate Royal Oak and Rocky Ridge students. A

middle school for Royal Oak/Rocky Ridge is ranked in this year's School Capital Plan. An elementary school will not be ranked for Rocky Ridge and community consultation has occurred on this accommodation plan.

In the case that a combined community middle school ranks ahead of one of the individual community elementary schools, the elementary school will take precedence in ranking.

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.

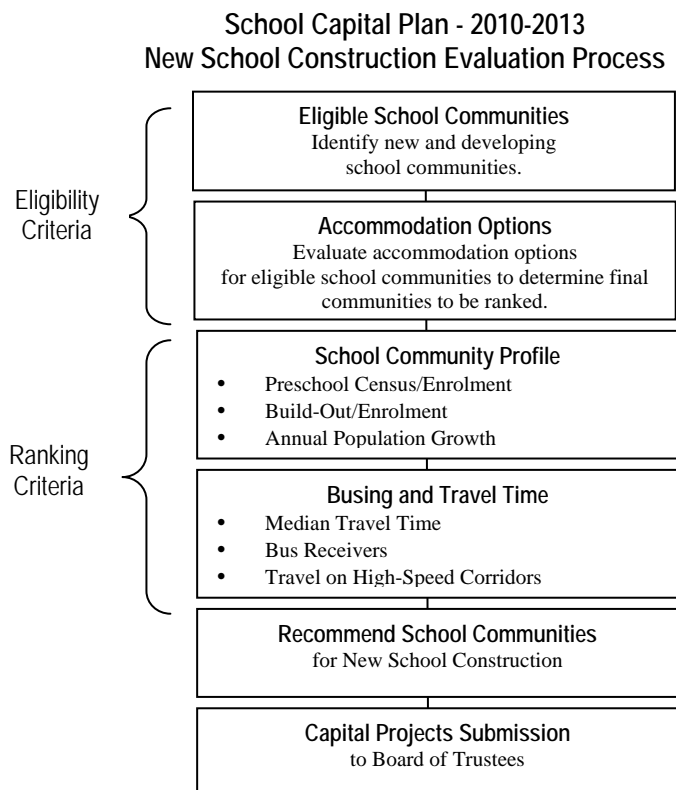
Community Growth Profile

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:



In this year's *Plan* two strong-growth communities (Martindale and Tuscany) have been ranked for a second school and are highly-ranked priorities. In these situations the ranking accounts for the first school in the community and the desired maximum capacity of an elementary school. For example, Tuscany has a school, and the elementary school (550 student spaces desired maximum) is deducted from the pre-school population ($1,748 - 550 = 1,298$) and K-4 student population ($848 - 550 = 298$) and then the ranking criteria is applied. If the existing school is smaller than 550 student spaces desired maximum then the smaller capacity is deducted.

4.2 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	120%	85%
Area II	55%	84%
Area III	133%	84%
Area IV	72%	81%
Area V	96%	89%

Notes:

- Student residence and enrolment as at September 30, 2008
- Capacity is based on Alberta Infrastructure's Area, Capacity and Utilization Report dated March 28, 2008

The greatest demand at this time for new school construction is a 1,500-capacity senior high in the northeast. Utilization rates for the northeast are 133% utilization by residence and 84% 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 4.4.

There is also demand in Area V based upon 96% utilization by residence and 89% utilization by enrolment. Increased growth in the developing communities in Area V will increase enrolment at Dr. E.P. Scarlett High School and Lord Beaverbrook High School based on current attendance areas and designations.

4.3 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.	New Brighton Elementary
2.	Royal Oak/Rocky Ridge Middle
3.	Tuscany Elementary
4.	Saddle Ridge Middle
5.	New Brighton/Copperfield Middle
6.	Evergreen Middle
7.	Copperfield Elementary
8.	McKenzie Towne Middle
9.	Springbank Hill Elementary
10.	Springbank Hill/Discovery Ridge Middle
11.	West Springs Middle/Cougar Ridge Middle
12.	Martindale Elementary
13.	Cougar Ridge Elementary

As part of the accommodation plan review, the Administration recommends the Evergreen middle school (ranked 6th) be ranked ahead of the New Brighton/Copperfield middle school (ranked 5th). There is greater priority for a middle school in Evergreen as the K-4 school is under construction and the middle school will complete the overall accommodation plan. When the Evergreen elementary (K-4) school opens in September 2010, Grades 5-6 students will attend a different school than Grades 7-9 students. New Brighton and Copperfield have continuity by attending the same school for Grades 5-9. The Evergreen middle school would achieve continuity for Grades 5-9 students.

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 5.0. Details of ranking for all school communities with points are included in Appendix III.

4.4 Construction Priorities: Senior High Schools

Senior high schools (see **Map 5**) are not ranked using a point criteria but are recommended on the new school construction priority list based on need. The School Capital Plan 2007-2011 reinforced that two senior high approvals were needed by 2010 to maintain the ratio of senior high to middle/junior high to elementary schools. Given that the School Capital Plan 2007-2011 approvals included six elementary schools, four middle schools and one senior high school (Northwest Calgary High School), there is still a shortfall of capacity at the senior high level. To alleviate this shortfall, the Northeast Calgary High School in Area III is included in Year 1 of this School Capital Plan. Although a new west senior high school will be built for 2011, it will be a replacement school for Ernest Manning High School.

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 6,423 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 over 1,100 students from these communities attending James Fowler High School and Crescent Heights High School.

The northeast high school may accommodate students in Grades 10-12 from Castleridge, Coral Springs, Falconridge, Martindale, Saddle Ridge and Taradale. These communities will have a population of 70,000 people and generate over 1,500 students in Grades 10-12. A description of the existing and proposed attendance area for the northeast senior high and other Area III schools is identified on **Map 6**.

The Calgary Board of Education (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 (GCHW) for cultural, recreation and library uses. Founding partners of the project are: The Northeast Centre of Community Society (NECCS), YMCA, Public Library and the City of Calgary. The CBE has been actively involved with the NECC stakeholders to ensure a comprehensive designed senior high school site (20 acres) adjacent to the GCHW site.

The GCHW and a CBE high school on the 48-acre site will provide increased opportunities for access to facilities and fields by both the school and local community. The GCHW exemplifies what can be achieved when community leaders and cultural groups collaborate with established not-for-profit organizations to find innovative ways to provide community services. The GCHW is located on the south half the site and the facility will total 22,252 square metres (232,000 sq. ft.) consisting of:

- A sports complex totalling approximately 100,000 square feet (indoor soccer & multi-sport centre, gymnasium, community kitchen, community rooms, a human and social services area);
- A regional branch of the Calgary Public Library (19,000 square feet);
- A YMCA (75,000 square feet) with leisure and program pools, gymnasium, child care facilities, fitness centre and a running track; and
- A shared, central common area (38,000 square feet).

In May 2008, Calgary City Council endorsed that the GCHW proceed to the design drawing phase. The working drawings are currently 90% complete. The project is to be tendered in early May and the contract is expected to be awarded in early July.

Centennial High School

A 400-capacity expansion at Centennial High School is under review. The current attendance area for Centennial High School includes the municipal districts of Sundance, Midnapore, Chaparral, Shawnessy, Somerset, Shawnee Slopes, Millrise, Evergreen Estates and Bridlewood. Grades 10-12 students residing in these municipal districts can be accommodated at Centennial High School in the existing capacity over the next five-to-ten years. Additional space is required at Centennial High School if the attendance area expands or if new programs are introduced at Centennial High School.

Ernest Manning High School

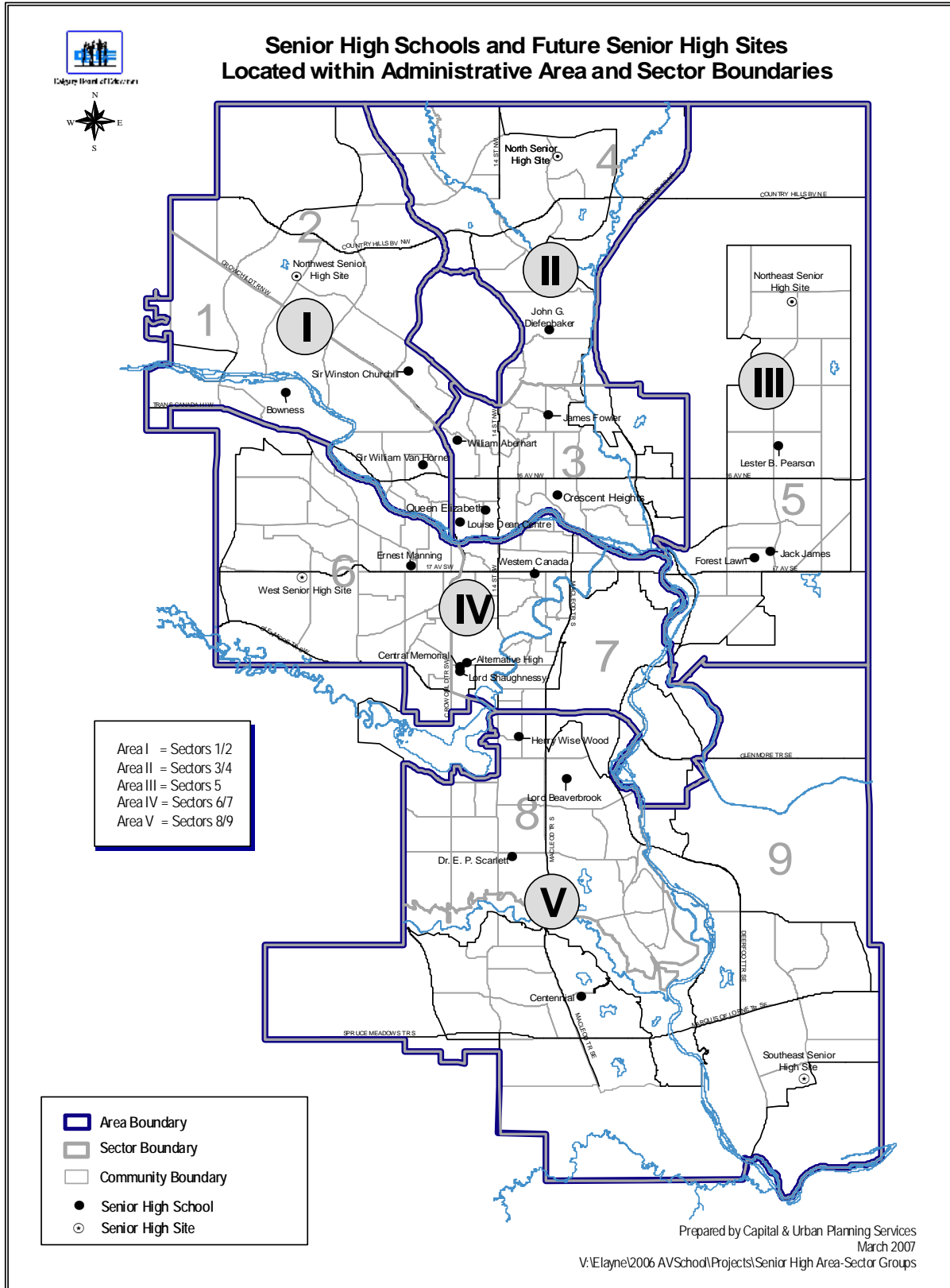
In November 2006, City Council approved the funding of the West LRT as the next new LRT line to be constructed. The City wishes to acquire the Ernest Manning High School site to allow for the West LRT Extension Project to proceed and it is anticipated that the Ernest Manning High School will be demolished. 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.

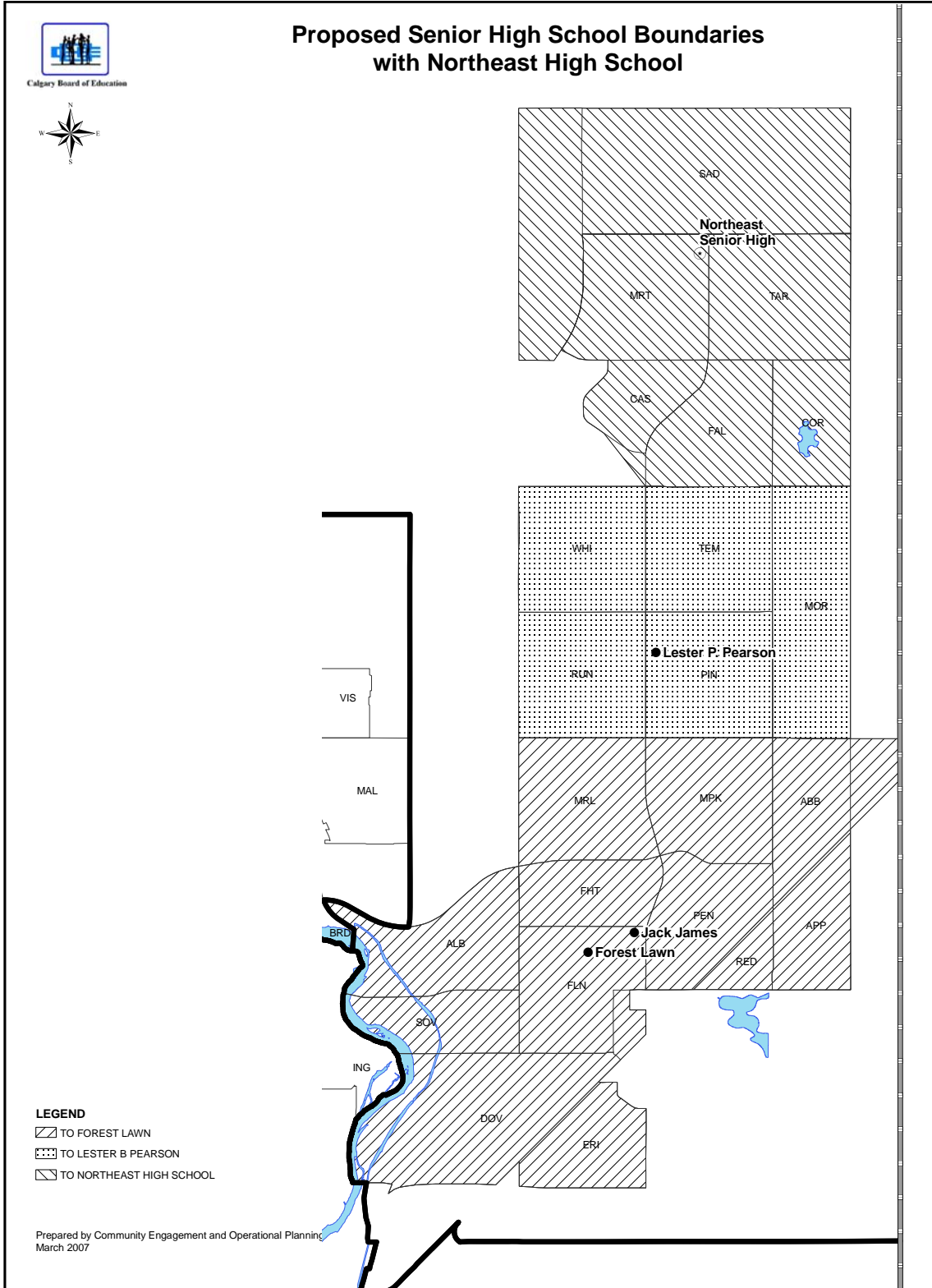
The CBE has advocated that the best educational interests of Ernest Manning High School students and families must be given priority. To facilitate the CBE's ability to respond to this situation as it evolves, the CBE has complied with applicable legislative and governance provisions as required. Accordingly, the Board of Trustees did pass a motion on October 7, 2008, to approve the closure of Ernest Manning High School and all other schools and programs at that site in order for them to be appropriately accommodated elsewhere.

"BE IT RESOLVED THAT the Board of Trustees approve the closure of Ernest Manning High School and all programs and schools therein (Regular Program, CBe-learn and National Sport School), effective September 1, 2010, or such later date as may be required by construction timelines or to ensure the non-disruptive redirection of students to the new school. The closure shall be conditional on the planned new school building being satisfactorily completed three months, more or less, prior to the redirection of students to the new facility and all necessary student accommodation needs being fully met throughout the transition from Ernest Manning High School to the new school."

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 Memorandum of Agreement addressed terms and conditions between the three parties such as: transfer of land; financial contributions; responsibilities; compliance with Alberta legislation; performance and construction obligations; schedules; public consultation; school closure process; site occupancy; and other general terms.

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 would be located on an 18-acre municipal school reserve site (CBE/City on title) in the Springbank Hill community at the southwest corner of 69 Street SW and 17 Avenue SW. The project is being undertaken by the City of Calgary and is in the design development phase. The West Calgary High School opening date will be established once the project has been tendered and awarded to the successful proponent; however, indications are that it will open for the 2011-2012 school year.





5.0 SCHOOL CAPITAL PLAN – 2010-2013 – SUMMARY

Based on Provincial guidelines, Alberta school boards must review their need for new space and substantiate their application when applying for capital funding. The following items must be taken into consideration when submitting requests for new school construction in a Board's capital plan application:

- Consider all possible alternatives for delivering education programs and accommodating students;
- Identify and incorporate cost-efficiency initiatives in their capital applications to reduce school capital spending; and
- Prioritize projects for which funding is being requested based on enrolment pressures, preservation needs, etc., as identified through a three-year capital plan and ten-year facilities plan.

The applications for capital funding for 2010-2013 will be:

- Approved by the CBE Trustees and submitted to the Province;
- Reviewed by the Province to ensure that projects fall within Provincial guidelines with respect to gross area, capacity and cost guidelines;
- Evaluated by the Province against Provincial priorities and criteria; and
- Recommended by the Learning Facilities Advisory Committee for decisions by the Minister of Education.

This section provides a summary of recommended new school/replacement school construction and preservation/major modernization projects. Tables 1, 2 and 3 provide a summary of the recommended projects and project costs are based upon 2008 Alberta Infrastructure support prices. Sections 6.0 through 8.0 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. Projects that are not listed in this proposed School Capital Plan will be re-ranked in future plans as revised priorities are established. Details of new school construction priority rankings are identified in Appendix II.

The focus on **Year 1** will be on three replacement schools, six new school construction projects and eleven high-priority preservation/major modernization projects. During the past seven years, only one modernization project has been approved, that being at Western Canada High. Based on the School Capital Plan 2009-2012, no projects were approved. As a result, additional modernization projects and new school construction projects have been advanced to Year 1 to address the backlog.

The focus on **Year 2** will be to balance four high-priority new construction projects with five preservation/major modernization projects.

The focus on **Year 3** will be a continued balance of high-priority new school construction projects with preservation/major modernization projects.

Section 9.0 provides a detailed description of Chinook Learning Services.

The sections that follow this summary (Sections 6.0 to 8.0) 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 7, 8 and 9**.

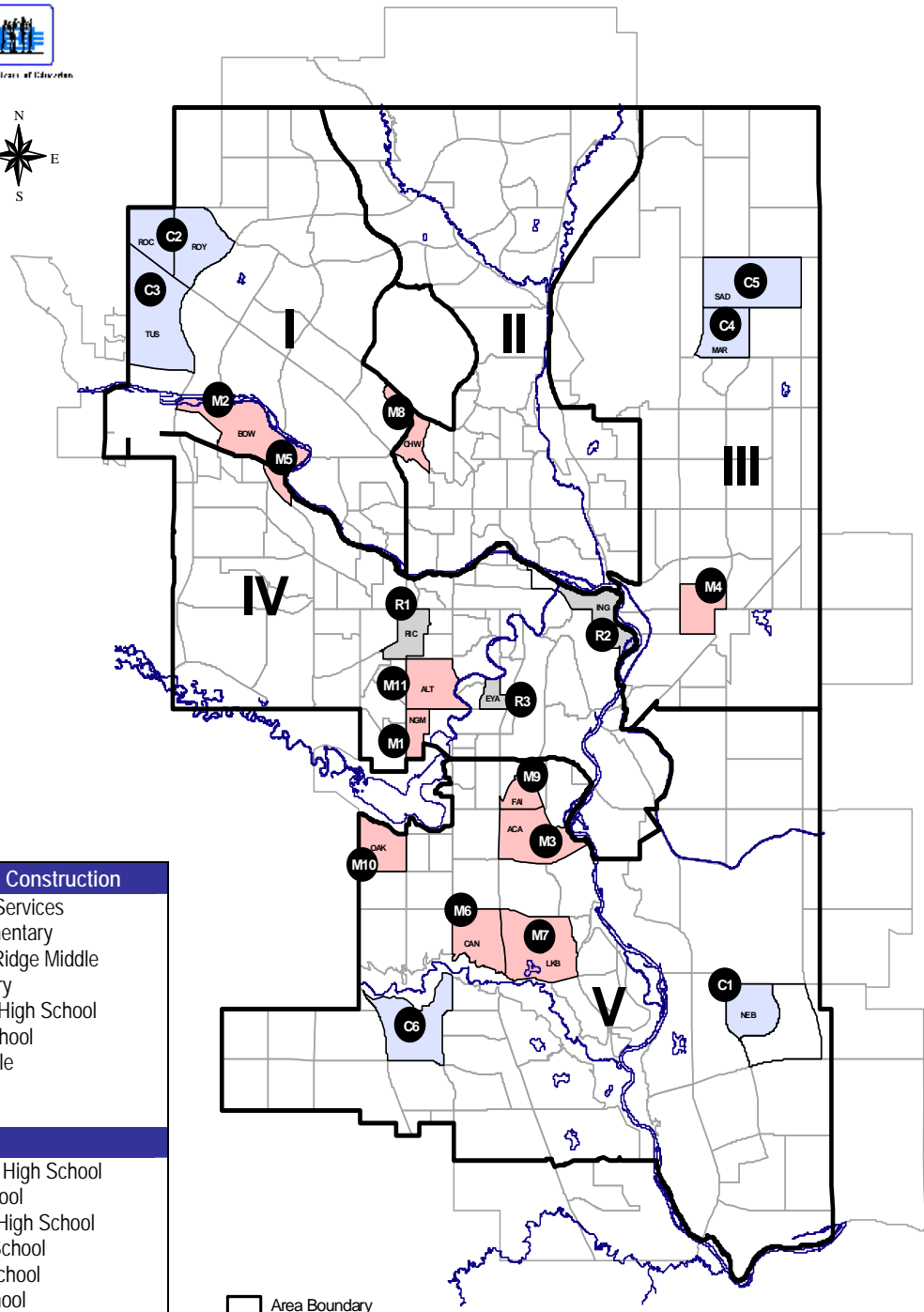
School Capital Plan 2010-2011, 2011-2012, 2012-2013

Table 1: 2010-2011 School Capital Plan			
Priority Ranking – Project Description			
New/Replacement School Construction	Grade	Project Type	2008 Cost (\$)
R-1 Chinook Learning Services		Replacement School	35,000,000
C-1 New Brighton Elementary	K-4	New School	11,000,000
C-2 Royal Oak/Rocky Ridge Middle	Gr. 5-9	New School	20,200,000
C-3 Tuscany Elementary	K-4	New School	11,000,000
C-4 Northeast Calgary High	Gr. 10-12	New School	60,000,000
R-2 Piitoayis Family School		Replacement School	9,300,000
C-5 Saddle Ridge Middle	Gr. 5-9	New School	20,200,000
C-6 Evergreen Middle	Gr. 5-9	New School	20,200,000
R-3 Elboya School	K-9	Replacement School	18,200,000
School Modernization			
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	24,900,000
M-3 Lord Beaverbrook High School	Gr. 10-12	Preservation/Major Modernization	6,000,000
M-4 Jack James High School	Gr. 10-12	Preservation/Major Modernization	6,000,000
M-5 Thomas B. Riley School	Gr. 7-9	Preservation/Major Modernization	8,200,000
M-6 Robert Warren School	Gr. 5-9	Preservation/Major Modernization	4,500,000
M-7 Nickle School	Gr. 5-9	Preservation/Major Modernization	8,900,000
M-8 Senator Patrick Burns School	Gr. 5-9	Preservation/Major Modernization	11,000,000
M-9 Fairview School	Gr. 5-9	Preservation/Major Modernization	11,000,000
M-10 Louis Riel School	K-9	Preservation/Major Modernization	2,100,000
M-11 Altadore School	K-6	Preservation/Major Modernization	3,900,000
Total			297,600,000

Table 2: 2011-2012 School Capital Plan			
Priority Ranking – Project Description			
New School Construction	Grade	Project Type	2008 Cost (\$)
C-7 New Brighton/Copperfield Middle	Gr. 5-9	New School	20,200,000
C-8 Copperfield Elementary	K-4	New School	11,000,000
C-9 McKenzie Towne Middle	Gr. 5-9	New School	20,200,000
C-10 Springbank Hill Elementary	K-4	New School	11,000,000
School Modernization			
M-12 James Fowler High School	Gr. 10-12	Preservation/Major Modernization	6,000,000
M-13 Ernest Morrow School	Gr. 7-9	Preservation/Major Modernization	10,500,000
M-14 Sherwood School	Gr. 5-9	Preservation/Major Modernization	10,700,000
M-15 Sir Wilfrid Laurier School	Gr. 5-9	Preservation/Major Modernization	6,900,000
M-16 Dr. J.K. Mulloy School	K-6	Preservation/Major Modernization	5,200,000
Total			101,700,000

Table 3: 2012-2013 School Capital Plan Priorities			
Priority Ranking – Project Description			
New School Construction	Grade	Project Type	2008 Cost (\$)
C-11 Springbank Hill/Discovery Ridge Middle	Gr. 5-9	New School	20,200,000
C-12 West Springs/Cougar Ridge Middle	Gr. 5-9	New School	20,200,000
C-13 Martindale Elementary	K-4	New School	11,000,000
C-14 Cougar Ridge Elementary	K-4	New School	11,000,000
School Modernization			
M-17 Christine Meikle School	Unique	Preservation/Major Modernization	9,000,000
M-18 A.E. Cross School	Gr. 7-9	Preservation/Major Modernization	11,800,000
M-19 Sir John A. Macdonald School	Gr. 7-9	Preservation/Major Modernization	9,800,000
M-20 Henry Wise Wood High School	Gr. 10-12	Preservation/Major Modernization	14,900,000
M-21 Woodman School	Gr. 7-9	Preservation/Major Modernization	11,300,000
Total			119,200,000

2010-2011 - Major Capital Projects

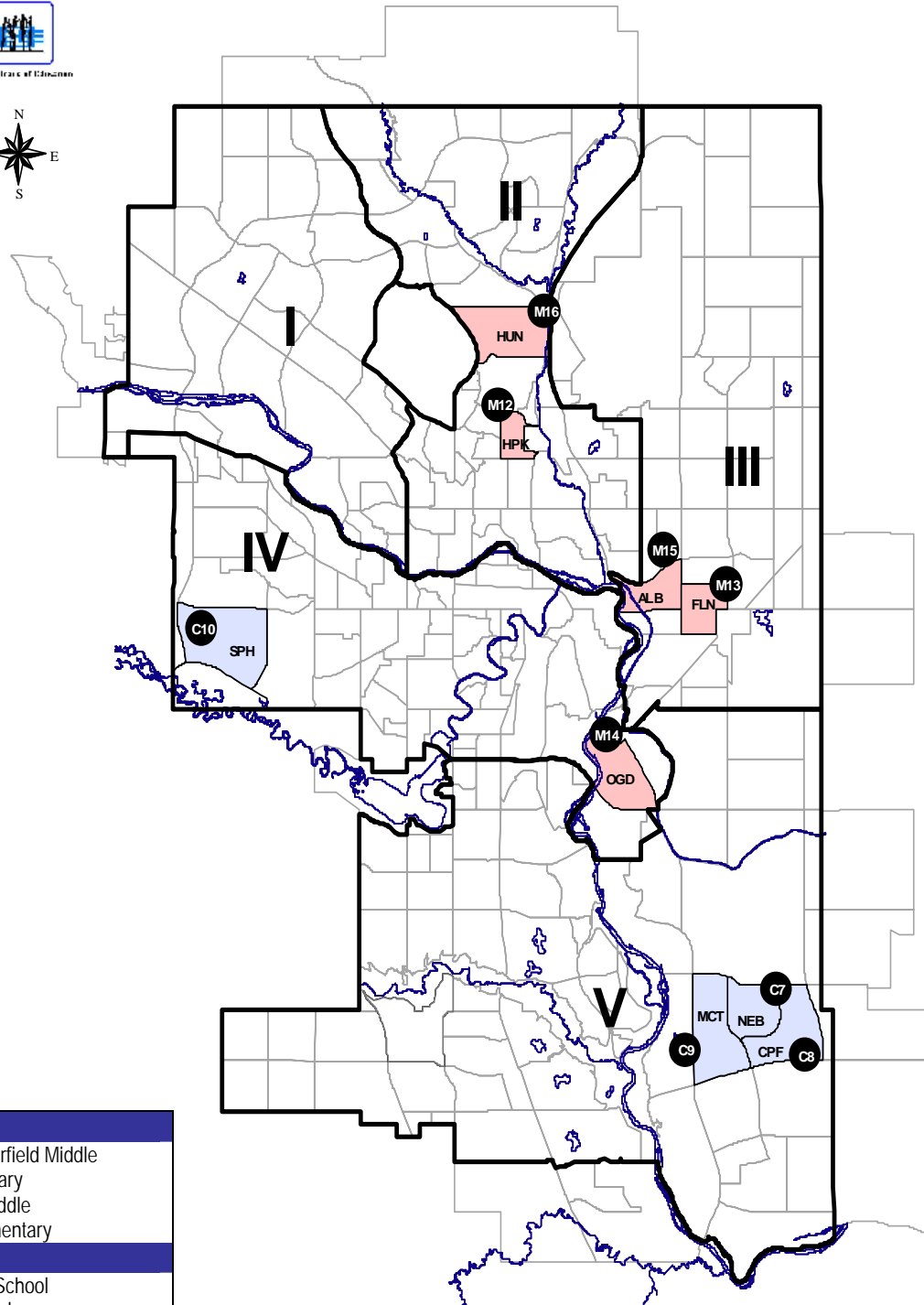


New/Replacement School Construction	
R1	Chinook Learning Services
C1	New Brighton Elementary
C2	Royal Oak/Rocky Ridge Middle
C3	Tuscany Elementary
C4	Northeast Calgary High School
R2	Piitoayis Family School
C5	Saddle Ridge Middle
C6	Evergreen Middle
R3	Elboya School
School Modernization	
M1	Lord Shaughnessy 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/Replacements
- Replacement School - Location To Be Determined

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 February 2009
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2011-2012 - Major Capital Projects

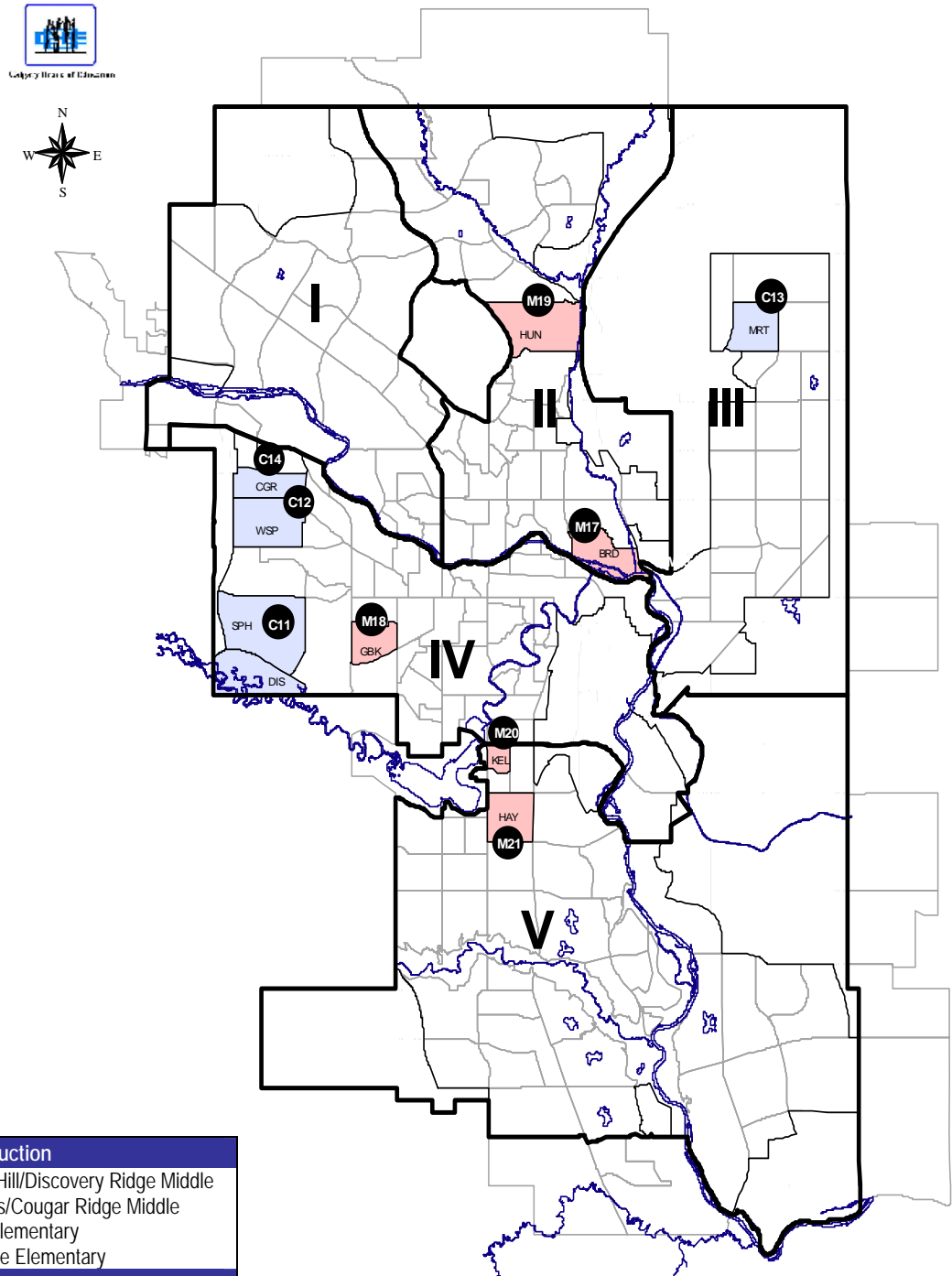


New School Construction	
C7	New Brighton/Copperfield Middle
C8	Copperfield Elementary
C9	McKenzie Towne Middle
C10	Springbank Hill Elementary
School Modernization	
M12	James Fowler High School
M13	Ernest Morrow School
M14	Sherwood School
M15	Sir Wilfrid Laurier School
M16	Dr. J.K. Mulloy School

Area Boundary
 New School Construction
 School Modernizations/Replacements

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2012-2013 - Major Capital Projects



New School Construction	
C11	Springbank Hill/Discovery Ridge Middle
C12	West Springs/Cougar Ridge Middle
C13	Martindale Elementary
C14	Cougar Ridge Elementary
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/Replacements

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6.0 2010-2011 SCHOOL CAPITAL PLAN

6.1 New/Replacement School Construction

Priority 1 - Chinook Learning Services (R-1)

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.

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 which included Athabasca University, Bow Valley College, the Chinook Learning Services, the University of Lethbridge and SAIT Polytechnic.

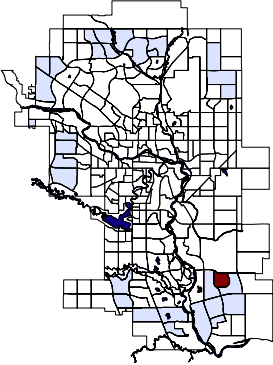
On October 14, 2008, Alberta Education advised that the Minister of Advanced Education and Technology had announced financial support for the expansion of SAIT and Bow Valley College and the lease of space for the University of Calgary in downtown Calgary. As a result of this approach to increasing access to the post-secondary institutions, government support for the Urban Campus Learning Village would not be forthcoming.

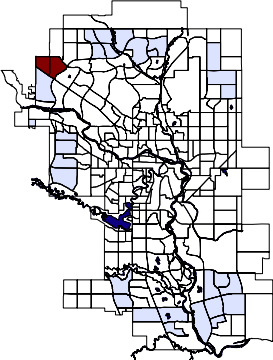
Following the October 2008 announcement, the CBE has evaluated a range of options for meeting the needs of Chinook Learning Services. For purposes of this capital request, the CBE is advancing the option of a replacement school for Chinook Learning Services.

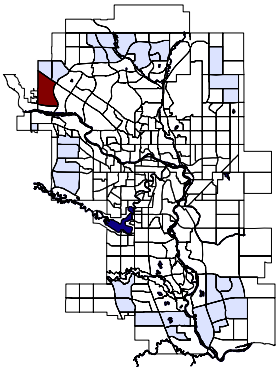
Chinook students come from all five Areas of the City. It is therefore desirable to have a central location for Chinook Learning Services in order to best meet the needs of students.

Chinook Learning Services requires a 130,000 sq. ft. building, which would have an estimated capital cost of \$70 million. Assuming that the CBE funds 50% of this capital cost from revenue obtained from sale of Board properties, the remaining \$35 million would need to be funded by Alberta Education.

An alternative would be a thirty-year P3 arrangement where an estimated annual payment of \$7.0 million per year would cover capital repayment, major and minor maintenance, operating costs and utilities for the facility. Further study of this P3 option is required to determine feasibility. More details on the Chinook Learning replacement school is provided in Section 9.0.

2010-2011 SCHOOL CAPITAL PLAN	
6.1 New/Replacement School Construction	
Priority 2 - New Brighton Elementary School (C-1)	
School Community Profile	
<ul style="list-style-type: none"> • 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 2008 Census, the total number of occupied dwelling units in New Brighton was 1,356 with a population of 3,942. • The community is planned for an estimated 4,430 housing units with a population capacity of 11,900 to 13,100. • The community had an average annual population growth of 912 persons during the past three-year period and has completed approximately 31% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2008 Census, there were 351 public pre-school-aged children. • As of September 30, 2008, there were 152 Kindergarten to Grade 4 students residing in New Brighton who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • There is one elementary and one middle school site in New Brighton. The middle school site will also serve Copperfield. • New Brighton students are currently accommodated in Acadia School located in the Acadia community in Area V. Median travel time to Acadia is 32 minutes. 	
Accommodation Planning	
<ul style="list-style-type: none"> • Construct a core elementary K-4 school for 350 students complete with space to support a relocatable addition for 200 students in eight units. The potential capacity of the school will be 550 spaces and this will be the opening day capacity. 	
Recommendation	
<ul style="list-style-type: none"> • Construct a 550-student-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach eight relocatable units to be ready for opening day. • The total project cost is budgeted at \$11.0 million (2008 prices). 	

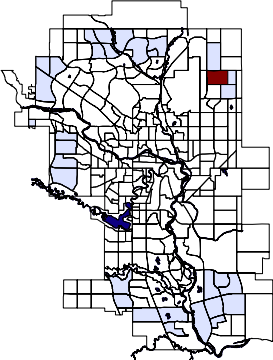
2010-2011 SCHOOL CAPITAL PLAN	
6.1 New/Replacement School Construction	
Priority 3 - Royal Oak/Rocky Ridge Middle (C-2)	
School Community Profile	
<ul style="list-style-type: none"> • Royal Oak Community began development in 1996 and is situated in the northwest, north of Crowchild Trail N.W. and west of Stoney Trail N.W. • As of the April 2008 Census, the total number of occupied dwelling units was 3,446 with a population of 9,910. The community is planned for an estimated 3,820 housing units with a population capacity of 10,400 to 11,500. • The community had an average annual population growth of 1,426 persons during the past three-year period and has completed approximately 90% 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 2008 Census, the total number of occupied dwelling units was 2,653 with a population of 6,732. The community is planned for an estimated 3,220 housing units with a population capacity of 7,800 to 8,600. • The community had an average annual population growth of 409 persons during the past three-year period and has completed approximately 82% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of September 30, 2008, there were 364 Kindergarten to Grade 4 students and 312 Grades 5-9 students residing in the Royal Oak community who attended CBE schools. • As of September 30, 2008, there were 228 Kindergarten to Grade 4 students and 164 Grades 5-9 students residing in the Rocky Ridge community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • There is one elementary site (the Royal Oak School will be located on the south portion of the site and is scheduled to open during the 2010-2011 school year) and one middle school site in Royal Oak located on the north portion of the site. The two communities can support one elementary and one middle school. • Royal Oak and Rocky Ridge junior high 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. 	
Accommodation Planning	
<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 potential capacity of the school will be 900 student spaces and this will be the opening day capacity. 	
Recommendation	
<ul style="list-style-type: none"> • Construct a 500-student-capacity, core middle school sized to support the relocatable expansion. Construct and attach sixteen relocatable units to be ready for opening day. • The total project cost is budgeted at \$20.2 million (2008 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

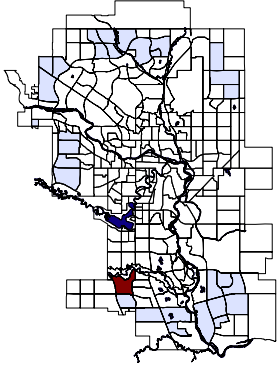
2010-2011 SCHOOL CAPITAL PLAN	
6.1 New/Replacement School Construction	
Priority 4 - Tuscany Elementary School (C-3)	
School Community Profile	
<ul style="list-style-type: none"> The Tuscany Community began development in 1995 and is situated in the northwest, south of Crowchild Trail and west of Stoney Trail. As of the April 2008 Census, the total number of occupied dwelling units was 6,015 with a population of 17,205. The community is planned for an estimated 6,570 housing units with a population capacity of 17,300 to 19,100. The community has had an average annual population growth of 1,657 persons during the past three-year period and has completed approximately 92% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> As of the April 2008 Census, there were 1,748 public pre-school-aged children in Tuscany. As of September 30, 2008, there were 848 Kindergarten to Grade 4 students residing in the Tuscany community that attended CBE schools. There is a demand for a second elementary school in Tuscany. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> There is one elementary K-4 school located within the south half of Tuscany community. The north elementary site would be used for the second elementary school. Not all students can fit in the K-4 school and students are bussed to Marion Carson in the Varsity community. Median travel time to Marion Carson is 26 minutes. The central site has been approved for a middle school for Grades 5-9 and it is anticipated that it will open in September 2012. 	
Accommodation Planning	
<ul style="list-style-type: none"> Construct a core elementary K-4 school for 350 students complete with space to support a relocatable addition for 200 students in eight units. The potential capacity of the school will be 550 spaces and this will be the opening day capacity. Tuscany School (K-4) is in the south and has a capacity of 646 student spaces. The site in the north will accommodate long-term enrolment growth for elementary students. 	
Recommendation	
<ul style="list-style-type: none"> Construct a 550-student-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach eight relocatable units to be ready for opening day. The total project cost is budgeted at \$11.0 million (2008 prices). 	

2010-2011 SCHOOL CAPITAL PLAN	
6.1 New/Replacement School Construction	
Priority 5 - Northeast Calgary High School (C-4)	
School Community Profile	
<ul style="list-style-type: none"> • The Northeast High School may to serve the residents of the developing and established communities of Castleridge, Coral Springs, Falconridge, Martindale, Monterey Park, Saddle Ridge and Taradale in Area III. • 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 Northeast Centre of Community Complex will be on the south half of the site (see Section 4.4 for details). 	
Enrolment Profile	
<ul style="list-style-type: none"> • Area III has 6,423 students by residence and a capacity of 4,841 student spaces with utilization by residence of 133%. Area III has 4,047 students by enrolment and a capacity of 4,841 student spaces with a utilization rate by enrolments of 84%. • Forest Lawn has an enrolment of 1,662 students and a Provincial capacity of 2,216 student spaces for a utilization rate of 75%. • Jack James has an enrolment of 767 students and a net capacity of 885 student spaces for a utilization rate of 87%. A large number of students are in the Knowledge and Employability classes. • Lester B. Pearson has an enrolment of 1,618 students and a Provincial capacity of 1,715 student spaces for a utilization rate of 94% 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 994 students from the northeast communities of Castleridge, Coral Springs, Falconridge, Martindale, Monterey Park and Taradale that attend James Fowler High School. An additional 136 students from Saddle Ridge attend Crescent Heights High School. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • Forest Lawn and Jack James serve the established communities south of 16 Avenue N.E. • Lester B. Pearson serves the established communities of Pineridge, Rundle, Temple and Whitehorn. Lester B. Pearson also offers both a French Immersion program and an IB program for Area III students. 	

Priority 5 - Northeast Calgary High School (C-4) – <i>continued</i>
<ul style="list-style-type: none">• The communities of Castleridge, Coral Springs, Falconridge, Martindale, Monterey Park and Taradale are designated to James Fowler and Saddle Ridge students are designated to Crescent Heights in Area II. Travel times from these communities are lengthy. Construction of a new senior high school would enable senior high students attending Area II schools to be accommodated in Area III.
Accommodation Planning
Construct a senior high school for 1,500 Grades 10-12 students.
Recommendation
<ul style="list-style-type: none">• Construct a 1,500-student-capacity senior high school complete with seven 200 sq.m. CTS spaces.• The total project cost is budgeted at \$60 million (2008 prices); including the CTS space allowance and an allowance for CTS equipment in the amount of \$1 million.

2010-2011 SCHOOL CAPITAL PLAN
6.1 New/Replacement School Construction
Priority 6 - Piitoayis Family School (R-2)
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 \$9.3 million (2008 prices). A more detailed estimate can be provided once a final school has been determined.</p>

2010-2011 SCHOOL CAPITAL PLAN	
6.1 New/Replacement School Construction	
Priority 7 - Saddle Ridge Middle School (C-5)	
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 2008 Census, the total number of occupied dwelling units in Saddle Ridge was 2,917 with a population of 10,984. • The Saddle Ridge community is planned for an estimated 6,200 housing units with a population capacity of 18,200 to 20,100. • The community had an average annual population growth of 1,936 persons during the past three-year period and has completed approximately 47% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of September 30, 2008, there were 468 Kindergarten to Grade 4 and 400 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 September 2010. • 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. 	
Accommodation Planning	
<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 potential capacity of the school will be 900 student spaces and this will be the opening day capacity. 	
Recommendation	
<ul style="list-style-type: none"> • Construct a 500-capacity, core middle school sized to support the relocatable expansion. Construct and attach sixteen relocatable units to be ready for the opening day. • The total project cost is budgeted at \$20.2 million (2008 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

2010-2011 SCHOOL CAPITAL PLAN	
6.1 New/Replacement School Construction	
Priority 8 - Evergreen Middle (C-6)	
School Community Profile	
<ul style="list-style-type: none"> • 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 2008 Census, the total number of occupied dwelling units was 5,941 with a population of 17,023. • The community is planned for an estimated 7,540 housing units with a population capacity of 19,500 to 21,500. • The community had an average annual population growth of 2,914 persons during the past three-year period and has completed approximately 79% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of September 30, 2008, there were 461 Kindergarten to Grade 4 and 508 Grades 5-9 students residing in the Evergreen community (includes Evergreen Estates) who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • There is one elementary site, one middle school site and one swing site (CBE, CSSB) in Evergreen. An elementary school (K-4) has been approved for Evergreen to open September 2010. • 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 23 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 17 minutes. 	
Accommodation Planning	
<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 potential capacity of the school will be 900 student spaces and this will be the opening day capacity. 	
Recommendation	
<ul style="list-style-type: none"> • Construct a 500-capacity, core middle school sized to support the relocatable expansion. Construct and attach sixteen relocatable units to be ready for the opening day. • The total project cost is budgeted at \$20.2 million (2008 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

2010-2011 SCHOOL CAPITAL PLAN
6.1 New/Replacement School Construction
Priority 9 - Elboya School (R-3)
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 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 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 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 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 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-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-3) - <i>continued</i>
Replacement/Modernization
<p>The school is identified as requiring major modernization to meet junior high school programming requirements. A modernization, including a new junior high gymnasium and redistribution of existing space will improve functionality and security, and reduce 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 school site to meet City of Calgary bylaw requirements. The estimate includes an allowance for phasing the project in an occupied building. An estimated cost of the modernization is \$7.6 million (2008 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 \$18.2 million (2008 prices).</p>

2010-2011 SCHOOL CAPITAL PLAN
6.2 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. The Provincial capacity is calculated at 970. 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>The latest facility re-evaluation was conducted in 2006. The 2000 Audit made the following recommendations:</p> <ul style="list-style-type: none"> • re-surface paved areas • replace millwork and whiteboards • provide both a Handicap elevator and washroom features <p>The audit noted that the mechanical was in good working condition, but was due for upgrading (35 years old and past life expectancy). Electrical was noted in fair to good condition – requiring upgrading to meet current codes, as well as additional lighting.</p> <p>Recent major upgrades completed in the past five years included the Area IV Office renovations and upgrades were made to air handling units and electrical system.</p>
Modernization
<p>In order to meet the requirements of the new Career and Technologies Curriculum (CTC), a modernization of this existing facility is required. 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 proposed project will modernize the CTC and related spaces and enhance the teaching environment. The total project cost is estimated to be \$6.0 million (2008 costs).</p>

2010-2011 SCHOOL CAPITAL PLAN
6.2 School Preservation/Major Modernization
Priority 2 - Bowness High School (M-2)
Current and Future Student Accommodation Plan
<p>Bowness High School is located in the community of Bowness, which is an established suburb in the northwest quadrant of the City. Senior high students residing in Arbour Lake, Bowness, Crestmont, Greenwood/Greenbriar, Montgomery, Rocky Ridge, Royal Oak, Scenic Acres, Silver Springs, Tuscany and Valley Ridge are designated to Bowness High School. When the new high school opens in Arbour Lake (2013-2014 school year), students from some of these communities will be designated to the new high school, reducing the enrolment at Bowness High School significantly.</p> <p>The long-term student accommodation plan for Bowness High School is to consider programs for junior and senior high students residing in the northwest quadrant of the City. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>
Facility Description
<p>The original two-storey 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>
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. The modernization will enhance the teaching spaces to meet the requirements of the new Career and Technologies Curriculum (CTC).</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 \$24.9 million (2008 prices).</p>

2010-2011 SCHOOL CAPITAL PLAN
6.2 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-story structure sits on concrete slab, and is 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. Provincial capacity is calculated at 2,415. 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 (2000 Audit). Most classrooms are reported smaller than current (2009) standards.</p> <p>The last Facility re-evaluation was conducted in 2006. The 2000 Audit deemed the facility in acceptable condition with 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+ years 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>In order to meet the requirements of the new Career and Technologies Curriculum (CTC), a modernization of this existing facility is required. The proposed project will modernize the CTC and 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 \$6.0 million (2008 costs).</p>

2010-2011 SCHOOL CAPITAL PLAN
6.2 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 II. The original building was constructed in 1980 with minor renovations conducted in 1985. The two-storey structure (complete with basement area) is constructed on slab with pre-cast concrete, masonry and steel bearing. The roof is steel framed. Exterior finishes consist of brick and horizontal windows.</p> <p>The gross building area is 10,118 m² and has 37 classrooms consisting of 17 Regular classrooms, 18 CTS rooms and 2 Computer Labs. The Provincial capacity is calculated at 885. Perimeter classrooms have access to natural lighting, while many internal classrooms have no access to natural light. Most main floor classrooms are larger than standard, while most second-floor classrooms are smaller than standard (2009).</p> <p>The latest facility re-evaluation was conducted in 2007. The 2000 Audit 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>In order to meet the requirements of the new Career and Technologies Curriculum (CTC), a modernization of this existing facility is required. The proposed project will modernize the CTC and 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 \$6.0 million (2008 costs).</p>

2010-2011 SCHOOL CAPITAL PLAN
6.2 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 the community of Bowness, which is an established suburb in the northwest quadrant of the City.</p> <p>Regular Program and System Special Education</p> <p>Thomas B. Riley School accommodates Regular program Grades 7-9 students residing in Bowness, Crestmont, Greenwood/Greenbriar, Scenic Acres and Valley Ridge. Thomas B. Riley also accommodates several System Special Education classes including Adapted Learning Program (ALP) and Paced Learning Program (PLP).</p> <p>German Program</p> <p>Thomas B. Riley is the designated school for junior high German program students.</p> <p>Traditional Learning Centre (TLC)</p> <p>Area I Grades 7-8 TLC students are designated to Thomas B. Riley. Grade 9 TLC students will be accommodated at Thomas B. Riley School for the 2009-2010 school year. For subsequent years, Grade 9 TLC students will be designated to Crescent Heights High School to align with TLC high school grade configurations.</p> <p>The long-term student accommodation plan for Thomas B. Riley School is to accommodate Regular program junior high students and to accommodate the German Bilingual and TLC programs. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>
Facility Description
<p>The original one-and-one-half storey building was constructed in 1967 with a load-bearing masonry/steel structure. A modernization was completed in 1985 to upgrade the industrial arts shop, administration, library and second floor ancillary rooms. An addition was built at the same time. In 2001, a barrier-free renovation was undertaken.</p> <p>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. The 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 \$8.2 million (2008 prices).</p>

2010-2011 SCHOOL CAPITAL PLAN
6.2 School Preservation/Major Modernization
Priority 6 - Robert Warren School (M-6)
Current and Future Student Accommodation Plan
<p>Robert Warren School is located in the community of Canyon Meadows, which is an established suburb in the southwest quadrant of the City. Junior high students residing in Canyon Meadows and Shawnessy are designated to Robert Warren School.</p> <p>When the new middle school opens in Shawnessy (2009-2010 school year), students residing in Shawnessy will be designated to the new school and enrolment at Robert Warren School will decline significantly.</p> <p>To address the enrolment decline, the grade configuration at Robert Warren School changed to a middle school for the Regular program and the Spanish Bilingual program, effective September 2008.</p> <p>The long-term student accommodation plan for Robert Warren School is to offer the Spanish Bilingual program (Grades 5-9) for students residing in Area V. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>
Facility Description
<p>The 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. Portables were added in 1963-1965 and 1998.</p> <p>The total area of the building is 4,589 m² consisting of 21 classrooms and five portables 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. The five portables are in poor physical condition and create a hidden area. These portables were removed as part of the renovation project for Phase 1.</p>
Modernization
<p>This school modernization was divided into two phases with Phase 1 completed as of 2009. Completed work consists of library expansion, barrier-free requirements and school safety modifications. Total cost of modernization was \$1.4 million (2008 prices), with the exception of the administration area which will be completed in the summer of 2009.</p> <p>Phase 2 of the modernization addresses the need to upgrade the school and its aging systems. Work will include a full 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 and locker replacement are also part of the modernization. The project cost of Phase 2 is budgeted at \$4.5 million (2008 prices).</p>

2010-2011 SCHOOL CAPITAL PLAN
6.2 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 suburb. Nickle School accommodates Regular program students in Grades 7-9 from Auburn Bay, Bonavista Downs, Cranston and Lake Bonavista. Nickle also accommodates the following CBE System Special Education classes: Bridges, Learning and Literacy (L&L), and Paced Learning Program (PLP). Effective September 2008, Nickle School became a middle school and will accommodate Grade 5-9 Regular program students from the above noted communities.</p> <p>The long-term accommodation plan is for Nickle School to continue to offer middle school programming for students residing in Lake Bonavista, as well as new and developing communities. The school is well located on the northern edge of Fish Creek Park and is easily accessible for new and developing communities in both the southeast and southwest quadrants 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>
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 27 classrooms plus three portables for instruction. The classrooms have a range of sizes and have minimum access to natural light. The mechanical and electrical systems are generally beyond life expectancy and need upgrading and replacement.</p>
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 total project cost is estimated to be \$8.9 million (2008 prices).</p>

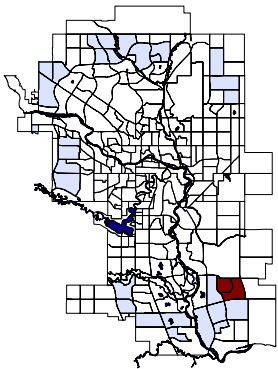
2010-2011 SCHOOL CAPITAL PLAN
6.2 School Preservation/Major Modernization
Priority 8 - Senator Patrick Burns School (M-8)
Current and Future Student Accommodation Plan
<p>Senator Patrick Burns School is located in the community of Charleswood, which is an established suburb close to the inner city.</p> <p>Regular Program and System Special Education Junior high students residing in Charleswood, Collingwood, Banff Trail and Capitol Hill (west of 14th Street) are designated to Senator Patrick Burns School.</p> <p>Alternative Hockey/Life Skill Development Program An alternative hockey/life skill development program is housed at Senator Patrick Burns School for qualified student athletes in Grades 7-9 and is open to students from the whole city of Calgary but enrolment consists primarily of students residing in Areas I, II and III.</p> <p>Regular Program and System Special Education Senator Patrick Burns School is also an ESL Centre of Excellence.</p> <p>The long-term student accommodation plan for Senator Patrick Burns School is to accommodate junior high students in the Regular program, ESL students, alternative hockey/life skill development program students and students in the Spanish Bilingual program for Grades 5-9. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>
Facility Description
<p>The two-storey building was constructed in 1961 as a concrete, steel and masonry structure. An addition in 1966 created an exterior courtyard between the original two u-shaped wings. A renovation in 1999 replaced linoleum and acoustic ceiling tile in five classrooms and the staff lounge.</p> <p>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. The original curtain wall is in poor condition and the majority of original finishes are showing signs of deterioration. In 2006-2007, a preservation project was undertaken to upgrade lockers and the communication system. Roof replacement and door upgrading is in progress.</p>
Modernization
<p>Numerous areas in the school require renovations such as the visual communication lab, the fashion lab, the music room, and CTS spaces. Wiring and data enhancements are required as part of improvements to the electrical systems. Renovations should also be carried out to the mechanical systems. Finishes and millwork throughout the school are aging and in need of replacement. The school should be upgraded to be barrier free by providing an elevator and related upgrades such as accessible washrooms. The original curtain wall exterior cladding is deteriorated and should be replaced. The roof must be replaced. Some site work is also required. The cost estimate for this modernization is \$11 million (2008 prices).</p>

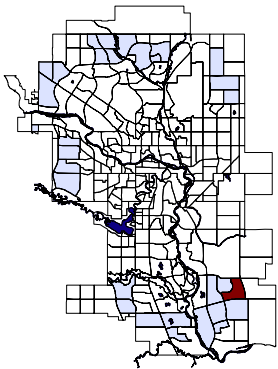
2010-2011 SCHOOL CAPITAL PLAN
6.2 School Preservation/Major Modernization
Priority 9 - Fairview School (M-9)
Current and Future Student Accommodation Plan
<p>Fairview School is located in southeast Calgary in the community of Fairview, which is an established suburb close to the inner city.</p> <p>Regular Program and System Special Education</p> <p>Fairview School currently accommodates Regular program students in Grades 7-9 living in Fairview, as well as students from the Tsuu T'ina Nation. The school also accommodates an ACCESS (Attitude, Community, Competence, Elements of Academic Curriculum, Social Skills) System Special Education class.</p> <p>French Immersion</p> <p>Fairview School currently accommodates the Grades 7-9 French Immersion program for Area V French Immersion students living west of Macleod Trail (approximately 20 communities).</p> <p>Traditional Learning Centre (TLC)</p> <p>Fairview School currently accommodates the TLC program for all Grades 5-8 students living in Area V. The program expanded to accommodate Grade 9 students in 2008. Area V serves southeast and southwest Calgary and contains approximately 45 communities.</p> <p>Alternative Hockey/Life Skill Development Program</p> <p>Fairview School is currently the home of an alternative hockey/life skill development program. The program is open to students from the whole City of Calgary but enrolment consists primarily of students residing in Area V.</p> <p>Demand for both French Immersion and TLC programming continues to increase within 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 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.</p> <p>The total area of the building is 9,599 m² consisting of 41 classrooms for instruction. Most of the classrooms are smaller than the current standard and all have good natural light. The building additions have resulted in awkward students' circulation patterns on several levels. The envelope of the building is in fair condition. 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 hall in 2006-2007.</p>

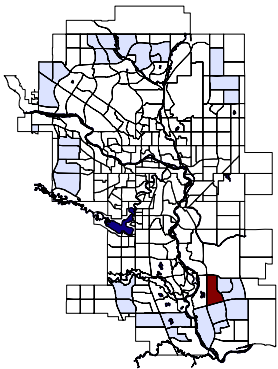
Priority 9 - Fairview School (M-9) - <i>continued</i>
Modernization
<p>The scope for modernization improvements is based on the 2004 Facility Re-Evaluation report, which indicates the need for major envelope and mechanical upgrades. The building envelope upgrades would include replacing the curtain wall 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 \$11 million (2008 prices).</p>

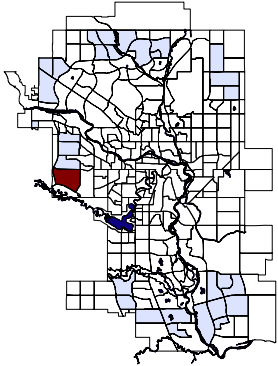
2010-2011 SCHOOL CAPITAL PLAN
6.2 School Preservation/Major Modernization
Priority 10 - Louis Riel School (M-10)
Current and Future Student Accommodation Plan
<p>Louis Riel School is located in southwest Calgary in the community of Oakridge, which is an established suburb.</p> <p>Regular Program and System Special Education – Kindergarten to Grade 9</p> <p>Louis Riel School currently accommodates the Kindergarten to Grade 6 Regular program for students living in Oakridge. The school also accommodates the Grades 7-9 Regular program for students living in Oakridge and Cedarbrae. Louis Riel School also accommodates a Learning and Literacy (L&L) System Special Education class.</p> <p>Science Program</p> <p>Effective September 2007, the CBE started a Science program at Louis Riel School for all students residing in Area V. Initially the program accommodated students in kindergarten to Grade 4 and the program will continue to expand by a grade each year until 2012, when it will accommodate Kindergarten to Grade 9 students. Currently the program serves K-5 students. Area V serves southeast and southwest Calgary and contains approximately 45 communities including several new and developing communities.</p> <p>The long-term accommodation plan is for Louis Riel School to accommodate Kindergarten to Grade 9 Regular program students and to accommodate the Kindergarten to Grade 9 Area V Science 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 original building was constructed in 1971 with masonry and steel construction. The additions were built in 1976 and 1993. Portables were added in 1979.</p> <p>The total area of the building is 7,963 m² consisting of 30 classrooms and 4 portables 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. The school building requires barrier-free renovations. A preservation project was undertaken in 2006-2007 to upgrade fixture, heating coils, gym curtain, fire and electrical panel. A modernization undertaken in 2007-2008 provided two classrooms in the library, an administration area, enclosed two open classrooms, and upgraded the science and preparation rooms. The four portables approved for demolition were removed during the summer.</p>
Modernization
<p>The minor modernization will upgrade building infrastructure and improve function. The modernization includes some minor mechanical and electrical work. Finishes (flooring, ceilings) will be replaced and all walls painted. The roof needs to be replaced. Exterior walls need some repair work (patch stucco and replace a few doors). Minor renovation work is required to improve functionality. An estimate cost of the modernization is \$2.1 million (2008 prices).</p>

2010-2011 SCHOOL CAPITAL PLAN
6.2 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. Altadore School currently accommodates a Kindergarten to Grade 6 Regular program for students from the community of Altadore (including Garrison Woods). Altadore School also accommodates two SKILL (Social Knowledge, Independent Living and Language) System Special Education classes.</p> <p>The long-term student accommodation plan for Altadore School is to continue to accommodate Kindergarten to Grade 6 Regular program for students living in Altadore (including Garrison Woods). Garrison Woods is part of the Canada Lands redevelopment of the old Canadian Forces Base (CFB) in southwest Calgary. 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. An addition was built in 1954. The school was renovated in 2002 with new exterior cladding, windows, doors, skylights and roof. The barrier-free washroom was provided in 2002; however, the remainder of the school requires barrier-free renovations.</p> <p>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. Based on the 2005 Facility Re-Evaluation report, the facility is in acceptable condition. It was recommended that some components in the aging mechanical system and the interior of the facility be replaced.</p>
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 \$3.9 million (2008 prices).</p>

7.0	2011-2012 SCHOOL CAPITAL PLAN
7.1 New School Construction	
New Brighton/Copperfield Middle School (C-7)	
School Community Profile	
<ul style="list-style-type: none"> • 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 2008 Census, the total number of occupied dwelling units was 1,356 with a population of 3,942. The community is planned for an estimated 4,430 housing units with a population capacity of 11,900 to 13,100. • The community had an average annual population growth of 912 persons during the past three-year period and has completed approximately 31% 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 2008 Census, the total number of occupied dwelling units was 1,725 with a population of 4,672. The community is planned for an estimated 4,180 housing units with a population capacity of 10,500 to 11,600. • The community had an average annual population growth of 923 persons during the past three-year period and has completed approximately 41% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of September 30, 2008, there were 152 Kindergarten to Grade 4 students and 131 Grades 5-9 students residing in the New Brighton community who attended CBE schools. • As of September 30, 2008, there were 166 Kindergarten to Grade 4 students and 149 Grades 5-9 students residing in the Copperfield community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • There is one elementary site 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 and Copperfield junior high students are bussed to David Thompson School, which is located in the Acadia community in Area V. Median travel time to David Thompson is 31 minutes. 	
Accommodation Planning	
<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 potential capacity of the school will be 900 student spaces and this will be the opening day capacity. 	
Recommendation	
<ul style="list-style-type: none"> • Construct a 500-student-capacity, core middle school sized to support the relocatable expansion. Construct and attach sixteen relocatable units to be ready for opening day. • The total project cost is budgeted at \$20.2 million (2008 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

2011-2012 SCHOOL CAPITAL PLAN	
7.1 New School Construction	
Copperfield Elementary (C-8)	
School Community Profile	
<ul style="list-style-type: none"> • 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 2008 Census, the total number of occupied dwelling units in Copperfield was 1,725 with a population of 4,672. • The Copperfield community is planned for an estimated 4,180 housing units with a population capacity of 10,500 to 11,600. • The community had an average annual population growth of 923 persons during the past three-year period and has completed approximately 41% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2008 Census, there were 444 public pre-school-aged children. • As of September 30, 2008, there were 166 Kindergarten to Grade 4 students residing in Copperfield who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • There is one elementary school site in Copperfield. • Copperfield students are currently accommodated in Acadia School located in the Acadia community in Area V. Median travel time to Acadia School is 30 minutes. 	
Accommodation Planning	
<ul style="list-style-type: none"> • Construct a core elementary K-4 school for 350 students complete with space to support a relocatable addition for 200 students in eight units. The potential capacity of the school will be 550 spaces and this will be the opening day capacity. 	
Recommendation	
<ul style="list-style-type: none"> • Construct a 550-student-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach sixteen relocatable units to be ready for opening day. • The total project cost is budgeted at \$11.0 million (2008 prices). 	

2011-2012 SCHOOL CAPITAL PLAN	
7.1 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 2008 Census, the total number of occupied dwelling units was 5,260 with a population of 13,118. The community is planned for an estimated 7,200 housing units with a population capacity of 16,800 to 18,600. The community had an average annual population growth of 1,586 persons during the past three-year period and has completed approximately 73% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> As of September 30, 2008, there were 383 Kindergarten to Grade 4 and 307 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) has been approved and will be open for September 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 30 minutes. 	
Accommodation Planning	
<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 potential capacity of the school will be 900 student spaces and this will be the opening day capacity. 	
Recommendation	
<ul style="list-style-type: none"> Construct a 500-capacity, core middle school sized to support the relocatable expansion. Construct and attach sixteen relocatable units to be ready for the opening day. The total project cost is budgeted at \$20.2 million (2008 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance. 	

2011-2012 SCHOOL CAPITAL PLAN	
7.1 New School Construction	
Springbank Hill Elementary School (C-10)	
School Community Profile	
<ul style="list-style-type: none"> • 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 2008 Census, the total number of occupied dwelling units in Springbank Hill was 2,404 with a population of 7,252. • The community is planned for an estimated 4,710 housing units with a population capacity of 12,600 to 14,000. • The community had an average annual population growth of 951 persons during the past three-year period and has completed approximately 51% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2008 Census, there were 402 public pre-school-aged children. • As of September 30, 2008, there were 227 Kindergarten to Grade 4 students residing in Springbank Hill who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • There is one elementary site, one middle site and one senior high site in Springbank Hill. • Springbank Hill students are currently accommodated in Battalion Park School located in the Signal Hill community in Area IV. Median travel time to Battalion Park is 9 minutes. 	
Accommodation Planning	
<ul style="list-style-type: none"> • Construct a core elementary K-4 school for 350 students complete with space to support a relocatable addition for 200 students in eight units. The potential capacity of the school will be 550 spaces and this will be the opening day capacity. 	
Recommendation	
<ul style="list-style-type: none"> • Construct a 550-student-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach eight relocatable units to be ready for opening day. • The total project cost is budgeted at \$11.0 million (2008 prices). 	

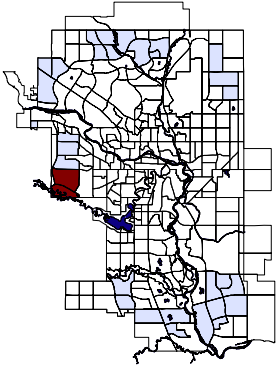
2011-2012 SCHOOL CAPITAL PLAN
7.2 School Preservation/Major Modernization
James Fowler High School (M-12)
Facility Description
<p>James Fowler High School is located in the northwest community of Highland Park in Area II. The original building was constructed in 1962 with additions constructed in 1979 (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.</p> <p>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 square metres) compared to current standards (2009).</p> <p>The latest facility re-evaluation was conducted in 2007; however, the Province of Alberta has not released these results. The 2000 Audit made the following recommendations:</p> <ul style="list-style-type: none"> • Many curtain wall windows need replacing and expansion joints re-caulked • Paved surfaces require resurfacing • The approach stair should be replaced • Repairs are required to the floor slab in the science wing corridor • A new ceiling is required in the gymnasium • Toilet partitions require replacement • Door hardware should be upgraded to lever handles as existing hardware wears out • Mechanical needs require upgrading of the ventilation systems and hot water heaters • Replace fire dampers and additional fire extinguishers is also required <p>The most recent major upgrades completed in the past five years were the main gym ceiling and the emergency lighting system.</p>
Modernization
<p>In order to meet the requirements of the new Career and Technologies Curriculum (CTC), a modernization of this existing facility is required. The proposed project will modernize the CTC and related spaces and enhance the teaching environment. The modernization will 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 \$6.0 million (2008 costs).</p>

2011-2012 SCHOOL CAPITAL PLAN
7.2 School Preservation/Major Modernization
Ernest Morrow School (M-13)
Current and Future Student Accommodation Plan
<p>Ernest Morrow School is located in the community of Forest Lawn, which is an established suburb in the northeast quadrant of the City. Ernest Morrow School accommodates Regular program Grades 7-9 students residing in Applewood Park, Forest Heights, Forest Lawn, Penbrooke Meadows, and Red Carpet Mobile Home Park. Additionally, Ernest Morrow School is an option for students who have attended Piitoayis Family School. Ernest Morrow School also accommodates several System Special Education classes including: Bridges, Paced Learning Program (PLP) and Learning and Literacy (L&L).</p> <p>The long-term student accommodation plan for Ernest Morrow School is to accommodate Regular program Grades 7-9 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 school was constructed in 1963 and 1966 as two separate buildings and a link structure was built in 1976 to connect the buildings. In 1982, there were renovations 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. A preservation project provided barrier-free access and installed lockers in 2005-2006. In 2006-2007, another project was undertaken to retile the library, upgrade lockers, as well as asphalt the parking lot. Metal clad exterior upgrading is in progress.</p>
Modernization
<p>Ernest Morrow School requires a window replacement to decrease air infiltration and improve energy efficiency. Washroom fixtures should be replaced with water-saving devices. Certain spaces need renovation, such as the servery, 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, as well as the steam radiators in the 1963 west wing. Ventilation improvements are also needed in certain areas like 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 \$10.5 million (2008 prices).</p>

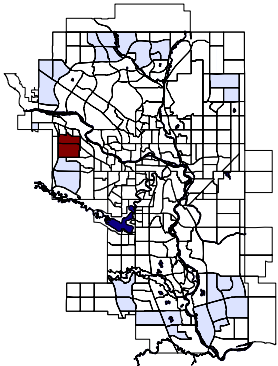
2011-2012 SCHOOL CAPITAL PLAN
7.2 School Preservation/Major Modernization
Sherwood School (M-14)
Current and Future Student Accommodation Plan
<p>Sherwood School is located in southeast Calgary in the community of Ogden, which is an established suburb close to the inner city. Sherwood school currently accommodates the Regular program for Grades 5-9 students living in Ogden. The school also accommodates Grades 7-9 students living in Riverbend. Sherwood School also accommodates a PLP (Paced Learning Program) System Special Education class.</p> <p>The long-term student accommodation plan for Sherwood School is to accommodate Grades 5-9 students from Mahogany and Ogden, as well as Grades 7-9 students living in Riverbend. This school has been identified as one that is required by the CBE to accommodate students into the future.</p>
Facility Description
<p>The original one-storey building was constructed in 1956 and three additions were completed in 1958, 1965 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. The building envelope and mechanical system are in marginal condition as well. 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 the project in an occupied building. The total project cost is estimated to be \$10.7 million (2008 prices).</p>

2011-2012 SCHOOL CAPITAL PLAN
7.2 School Preservation/Major Modernization
Sir Wilfrid Laurier School (M-15)
Current and Future Student Accommodation Plan
<p>Sir Wilfrid Laurier School is located in the community of Albert Park/Radisson Heights, which is an established community in the southeast quadrant of the City. Sir Wilfrid Laurier School accommodates Regular program Grades 5-9 students residing in Albert Park/Radisson Heights and a small section of Forest Heights. Sir Wilfrid Laurier School also accommodates several System Special Education classes including: Bridges and Learning and Literacy (L&L).</p> <p>The long-term student accommodation plan for Sir Wilfrid Laurier School is to continue to work with Radisson Park School to accommodate Regular program Kindergarten to Grade 9 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.</p> <p>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 some upgrading and replacement. The breakout rooms, library and computer lab were upgraded in the 2006-2007 renovations.</p>
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 upgrades. 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 \$6.9 million (2008 prices).</p>

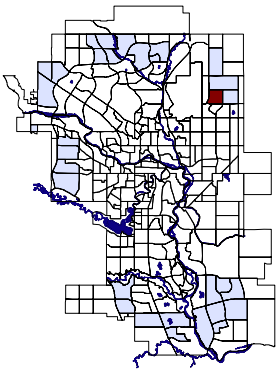
2011-2012 SCHOOL CAPITAL PLAN
7.2 School Preservation/Major Modernization
Dr. J. K. Mulloy School (M-16)
Current and Future Student Accommodation Plan
<p>Dr. J.K. Mulloy School is located in the community of Huntington Hills, which is an established suburb in north Calgary. Dr. J.K. Mulloy School accommodates Regular program Kindergarten to Grade 6 students residing in Huntington Hills and Panorama Hills. The Panorama Hills K-4 school is scheduled to open in the 2010-2011 school year and will have a significant impact on Dr. J.K. Mulloy School's enrolment.</p> <p>The long-term student accommodation plan for Dr. J.K. Mulloy School is to accommodate Regular program students and to evaluate the possibility of accommodating 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>
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 \$5.2 million (2008 prices).</p>

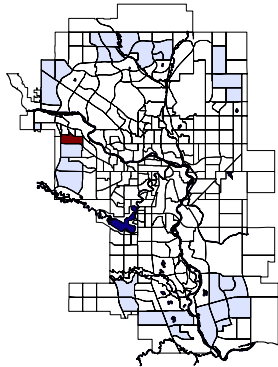
8.0	2012-2013 SCHOOL CAPITAL PLAN
8.1 New School Construction	
Springbank Hill/Discovery Ridge Middle (C-11)	
School Community Profile	
<ul style="list-style-type: none"> • Springbank Hill Community began development in 1997 and is situated north of the Discovery Ridge community at Glenmore Trail S.W., east of the City Limits, south of 17 Avenue S.W., and immediately west of the City Limits. • As of the April 2008 Census, the total number of occupied dwelling units was 2,404 with a population of 7,252. The community is planned for an estimated 4,710 housing units with a population capacity of 12,600 to 14,000. • The community had an average annual population growth of 951 persons during the past three-year period and has completed approximately 51% 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 2008 Census, the total number of occupied dwelling units was 1,524 with a population of 4,107. The community is planned for an estimated 1,860 housing units with a population capacity of 4,900 to 5,500. • The community had an average annual population growth of 590 persons during the past three-year period and has completed approximately 82% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of September 30, 2008, there were 227 Kindergarten to Grade 4 students and 181 Grades 5-9 students residing in the Springbank Hill community who attended CBE schools. • As of September 30, 2008, there were 163 Kindergarten to Grade 4 students and 116 Grades 5-9 students residing in the Discovery Ridge community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • There is one elementary site, one middle site and one senior high site 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 16 minutes. 	

Springbank Hill/Discovery Ridge Middle (C-11) - <i>continued</i>
Accommodation Planning
<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 potential capacity of the school will be 900 student spaces and this will be the opening day capacity.
Recommendation
<ul style="list-style-type: none"> • Construct a 500-student-capacity, core middle school sized to support the relocatable expansion. Construct and attach sixteen relocatable units to be ready for opening day. • The total project cost is budgeted at \$20.2 million (2008 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.

8.1 New School Construction	
West Springs/Cougar Ridge Middle School (C-12)	
School Community Profile	
<ul style="list-style-type: none"> • 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 2008 Census, the total number of occupied dwelling units was 2,078 with a population of 6,184. The community is planned for an estimated 4,560 housing units with a population capacity of 12,200 to 13,500. • The community had an average annual population growth of 464 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 2008 Census, the total number of occupied dwelling units was 1,755 with a population of 5,233. The community is planned for an estimated 2,640 housing units with a population capacity of 7,200 to 7,900. • The community had an average annual population growth of 686 persons during the past three-year period and has completed approximately 66% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of September 30, 2008, there were 201 Kindergarten to Grade 4 students and 172 Grades 5-9 students residing in the West Springs community who attended CBE schools. • As of September 30, 2008, there were 146 Kindergarten to Grade 4 students and 125 Grades 5-9 students residing in the Cougar Ridge community who attended CBE schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • 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 is 19 minutes for West Springs' students and 24 minutes for Cougar Ridge's students. 	

West Springs/Cougar Ridge Middle School (C-12) - <i>continued</i>
Accommodation Planning
<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 potential capacity of the school will be 900 student spaces and this will be the opening day capacity.
Recommendation
<ul style="list-style-type: none">• Construct a 500-student-capacity, core middle school sized to support the relocatable expansion. Construct and attach sixteen relocatable units to be ready for opening day.• The total project cost is budgeted at \$20.2 million (2008 prices), including the construction of the new relocatable units, funding for CTS space and CTS equipment allowance.

2012-2013 SCHOOL CAPITAL PLAN	
8.1 New School Construction	
Martindale Elementary School (C-13)	
School Community Profile	
<ul style="list-style-type: none"> The Martindale Community began development in 1983 and is located in the northeast sector of the City, immediately east of the Martindale community, south of 80 Avenue NE and north of the communities of Falconridge and Coral Springs. As of the April 2008 Census, the total number of occupied dwelling units in Martindale was 3,502 with a population of 12,328. The Martindale community is complete. The community had an average annual population growth of 253 persons during the past three-year period and has completed 100% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> As of the April 2008 Census, there were 950 public preschool-aged children. As of September 30, 2008, there were 896 Kindergarten to Grade 4 students residing in the Martindale community that attended CBE schools. There is a demand for a second elementary school in Martindale. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> There is one elementary/junior high school (Crossing Park School), one elementary site and one senior high site in Martindale. Not all elementary students can be accommodated in Crossing Park School. Martindale elementary students are bussed to Grant MacEwan Elementary located in the Falconridge community and Rundle Elementary located in the Rundle community. Median travel time to Grant MacEwan is 13 minutes and median travel time to Rundle is 17 minutes. 	
Accommodation Planning	
<ul style="list-style-type: none"> Construct a core elementary K-4 school for 350 students complete with space to support a relocatable addition for 200 students in eight units. The potential capacity of the school will be 550 spaces and this will be the opening day capacity. Once the new elementary school is constructed, Crossing Park School will be reconfigured to become a middle school that will serve the Martindale community. 	
Recommendation	
<ul style="list-style-type: none"> Construct a 550-student-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach eight relocatable units to be ready for opening day. The total project cost is budgeted at \$11.0 million (2008 prices). 	

2012-2013 SCHOOL CAPITAL PLAN	
8.1 New School Construction	
Cougar Ridge Elementary School (C-14)	
School Community Profile	
<ul style="list-style-type: none"> • Cougar Ridge Community began development in 2000 and is situated in southwest Calgary, south of Canada Olympic Road SW. • As of the April 2008 Census, the total number of occupied dwelling units in Cougar Ridge was 1,755 with a population of 5,233. • The community is planned for an estimated 2,640 housing units with a population capacity of 7,200 to 7,900. • The community had an average annual population growth of 686 persons during the past three-year period and has completed approximately 66% of its development. 	
Enrolment Profile	
<ul style="list-style-type: none"> • As of the April 2008 Census, there were 440 public preschool-aged children. • As of September 30, 2008, there were 146 Kindergarten to Grade 4 students residing in Cougar Ridge that attended CBE Schools. 	
Site Planning and Transportation	
<ul style="list-style-type: none"> • There is one elementary school site in Cougar Ridge. • Cougar Ridge students are currently bussed to Wildwood Elementary (Grades K-6), which is located in the Wildwood community in Area IV. Median travel time to Wildwood is 22 minutes. 	
Accommodation Planning	
<ul style="list-style-type: none"> • Construct a core elementary K-4 school for 350 students complete with space to support a relocatable addition for 200 students in eight units. The potential capacity of the school will be 550 spaces and this will be the opening day capacity. 	
Recommendation	
<ul style="list-style-type: none"> • Construct a 550-student-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach eight relocatable units to be ready for opening day. • The total project cost is budgeted at \$11.0 million (2008 prices). 	

2012-2013 SCHOOL CAPITAL PLAN
8.2 School Preservation/Major Modernizations
Christine Meikle School (M-17)
Current and Future Student Accommodation Plan
<p>Christine Meikle School, located in the community of Bridgeland/Riverside, is a unique setting for students with severe and complex needs. This program draws junior/senior high school students (ages 12 to 19) from all areas of Calgary.</p> <p>The curriculum includes development of communication skills, sensory-motor skills, functional academics, work experience and pre-vocational abilities, travel training and adaptive physical education. A modified curriculum is implemented based on the individual needs of each student. Instructional accommodations may include the use of assistive technology, augmentative communication systems and individual small group instruction. The staff, students and their families also receive consultative support from Regional, Educational, Assessment and Consultation Services (REACH) for program development.</p>
Facility Description
<p>The Christine Meikle School has been leased from the City on a long-term basis. The lease is up for renewal and will be renewed on a shorter-term basis (five years). A long-term home is required for the school in a modernized or new facility.</p> <p>There are currently 85 students at the school. There are 11 classrooms and class sizes accommodate 6-10 students. There are three pods that focus on flexible groupings and team teaching to best meet students' needs: Emerging, Developing and Maturing.</p>
Modernization
<p>The modernization considers a student population of 90-100 students:</p> <ul style="list-style-type: none"> • 4 classes (25 +/-) non-ambulatory emerging pod/developing pod students • 6 classes (40 +/-) ambulatory developing pod students • 5 classes (35 +/-) ambulatory maturing pod students (including space for higher functioning Autism Spectrum Disorder (AS) students from the Communication, Sensory and Social Interaction (CSSI) 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 • Window material that will not shatter <p>The estimated cost for a school modernization at an existing school would be in the range of \$9.0 million (2008 prices). An estimated cost of a new school would be \$17.5 million.</p>

2012-2013 SCHOOL CAPITAL PLAN
8.2 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 suburb.</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. The school also accommodates Grades 7-9 students living in Signal Hill and Springbank Hill. A.E. Cross School also offers PLP (Paced Learning Program) and L&L (Learning and Literacy) System Special Education classes.</p> <p>National Sport Development (NSD)</p> <p>A.E. Cross School accommodates a National Sport Development Program (NSD) for student athletes in Grades 7-9.</p> <p>The long-term student accommodation plan for A.E. Cross School is to accommodate Grades 7-9 students from their home area and to continue to operate as a bus receiver school for 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 1964 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 structure is considered to be in good condition. 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>The gross building area is 9,064 square metres consisting of 38 classrooms. The school has a Provincial capacity of 1,066 student spaces; however, it is felt the capacity is overstated and the school can accommodate in the 930 student range. The majority of the classrooms are slightly smaller than the current standard and have good natural light. The gym, library and administration space are typical size for a school of this capacity. The ancillary spaces are quite large compared to the Provincial standard which could account for the higher capacity rating.</p>
Modernization
<p>The modernization will address building envelope deficiencies (e.g., replacement of the curtain wall), and mechanical and electrical upgrades, thereby improving thermal comfort, energy efficiency and provide adequate power and data. The scope will include replacement of old and worn finishes and fixtures (e.g., vinyl-asbestos-tile flooring, wood flooring and lockers), door and hardware replacement and washroom upgrades. The modernization will also include select program space renovation, hazardous material abatement and code and accessibility upgrades. The proposed project will modernize the whole facility and enhance the teaching environment. The total project cost is estimated to be \$11.8 million (2008 costs).</p>

2012-2013 SCHOOL CAPITAL PLAN	
8.2 School Preservation/Major Modernizations	
Sir John A. Macdonald School (M-19)	
Current and Future Student Accommodation Plan	
<p>Sir John A. Macdonald School is located in the community of Huntington Hills, which is an established community in north-central Calgary.</p> <p>Currently, Sir John A. Macdonald School accommodates Regular program Grades 7-9 students residing in Greenview (north of McKnight Boulevard), Huntington Hills, Panorama Hills and Thorncliffe. Sir John A. Macdonald School also accommodates a PLP (Paced Learning Program) System Special Education class.</p> <p>The long-term student accommodation plan for Sir John A. Macdonald School is to continue to accommodate Regular program students. When the new middle school in Panorama Hills opens there will be an opportunity to accommodate students residing in nearby communities closer to home. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>	
Facility Description	
<p>The facility was originally built in 1966 as a masonry building with a mixed material exterior. An addition, completed in 1970, increased the building area by a total of 50%. Four relocatables were added in the fall of 2007 to accommodate growth pressures. The school is exhibiting age-related deficiencies in finishes, mechanical and electrical systems. Upgrades to building systems and finishes, including window replacement, are needed to restore this well-used building to an acceptable physical condition.</p> <p>The gross building area is 7,798 square meters consisting of 36 classrooms. The capacity of the school is 910 student spaces for Grades 7-9 Regular program. Most of the teaching spaces are smaller than current standard; however, most have good natural light. The gym is small for a junior high school of this capacity. The school has CTS labs (for graphics, construction, information processing, foods and fashion) as well as fine and performing arts (music, drama, art, and French).</p>	
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 & lockers); windows, doors & 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 \$9.8 million (2008 costs).</p>	

2012-2013 SCHOOL CAPITAL PLAN
8.2 School Preservation/Major Modernizations
Henry Wise Wood High School (M-20)
Current and Future Student Accommodation Plan
<p>Henry Wise Wood High School is located in southwest Calgary in the community of Kelvin Grove, which is an established suburb.</p> <p>Henry Wise Wood High School currently accommodates Regular program students in Grades 10-12 residing in Bayview, Braeside, Cedarbrae, Chinook Park, Eagle Ridge, Haysboro, Kelvin Grove, Kingsland, Oakridge, Palliser, Parkhill, Pump Hill, Southwood, Woodbine and Woodlands. The school has recently been identified as the designated school for students residing in a new community called Mahogany. Henry Wise Wood High School also offers the International Baccalaureate program for students residing in CBE's administrative Area V. Henry Wise Wood High School accommodates System Special Education classes for Gifted and Talented Education, PLP (Paced Learning Program) and ACCESS (Attitude, Community, Competence, Elements of Academic Curriculum, Social Skills).</p> <p>The long-term student accommodation plan for Henry Wise Wood High School is to accommodate Regular program and International Baccalaureate students in Grades 10-12 and System Special Education classes. Henry Wise Wood High School will be the designated Traditional Learning Centre for Grades 9-12 students residing in CBE's administrative Areas IV and V. This school has been identified as one that is required by the CBE to accommodate students into the future. It is anticipated that enrolment will be at or near capacity.</p>
Facility Description
<p>The original building was constructed in 1961 with an open courtyard and was enclosed in 1964 to form a larger library and study and lunchroom area. The school is concrete slab on grade and concrete, pre-cast and steel construction with a masonry exterior. The superstructure is capable of a significantly longer life than the other major components. Minor renovations have been made to the building in 1999, upgrading two CTS areas, some Science labs and the Home Economics area, as well as the drama change rooms. Handicap accessibility in the building has also been addressed.</p> <p>The total floor area is 15,803 square meters 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. The building exterior is of concern for the building and many glazing sections have blown seals. There is a need to address mechanical and electrical issues including thermal comfort, energy efficiency, building envelope deficiencies and upgraded finishes.</p> <p>With the role of technology rapidly changing the face of presentation and exhibition, there is no space within the school where gathering/meetings for more than 50 students. 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). The modernization would include developing a multi-purpose presentation space/theatre.</p>

Henry Wise Wood High School (M-20) - <i>continued</i>
Modernization
<p>The scope of the modernization will include developing a multi-purpose presentation and exhibition space, as there is no space within the school where gatherings/meetings for more than 50 students can take place. The scope will include mechanical and electrical upgrades that will address thermal comfort, energy efficiency, provide adequate power and data 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 \$14.9 million (2008 costs).</p>

2012-2013 SCHOOL CAPITAL PLAN	
8.2 School Preservation/Major Modernizations	
Woodman School (M-21)	
Current and Future Student Accommodation Plan	
<p>Woodman School is located in southwest Calgary in the community of Haysboro, which is an established suburb.</p> <p>Regular Program and System Special Education</p> <p>Woodman School currently accommodates the Regular program for Grades 7-9 students living in Chinook Park, Eagle Ridge, Haysboro, Kingsland, Woodbine and Woodlands. The school also accommodates Grades 7-9 students living in Evergreen. Woodman School also accommodates PLP (Paced Learning Program) System Special Education classes and an ACCESS System Special education class.</p> <p>The long-term student accommodation plan for Woodman School is to accommodate Grades 7-9 students from their home area (Chinook Park, Eagle Ridge, Haysboro, Kingsland, Woodbine and Woodlands) and to continue to operate as a bus receiver school for 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 constructed in 1960 with wood framing and a stucco and masonry exterior. An addition was completed in 1968 with a masonry and steel construction exterior and is capable of a longer life than other major components. A renovation was completed in 2003, including a barrier-free upgrade consisting of an elevator, handicap lift and washroom renovation. The facility is in reasonable condition for its age; however, finishes and furnishings have become dated and are showing wear. Windows have been replaced and the roof was replaced approximately four years ago.</p> <p>The gross building area is 8,744 square meters consisting of 35 classrooms. The capacity of school is 1,018 student spaces for the Grades 7-9 Regular program. Most of the teaching spaces are at current standard and have good natural light. The gym 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. The school has CTS labs (technical education, construction, design art, food and fashion), as well as fine and performing arts (drama, music, French).</p>	
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 \$11.3 million (2008 costs).</p>	

9.0 SPECIALIZED PROJECTS

The CBE is willing to examine how alternative funding models with government groups, borrowing money, or issuing bonds could address priorities for specialized school replacement projects. The Chinook Learning Services relocation will require ongoing discussions with the Province and other levels of government to determine future opportunities.

Chinook Learning Services Relocation

Another of the CBE's high priorities for specialized projects is a replacement school for Chinook Learning Services.

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.

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 announced 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.

Following the October 2008 announcement, the CBE has evaluated a range of options for meeting the needs of Chinook Learning Services. For purposes of this capital request the CBE is advancing the option of a replacement school for Chinook Learning Services.

Recommended Replacement School

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.

Chinook Learning Services requires a 130,000 sq. ft. building, which would have an estimated capital cost of \$70 million. Assuming that the CBE funds 50% of this capital cost from revenue obtained from the sale of Board properties, the remaining \$35 million would need to be funded by Alberta Education.

An alternative would be a thirty-year P3 arrangement, where an estimated annual payment of \$7.0 million/year would cover capital repayment, major and minor maintenance, operating costs and utilities for the facility. Further study of this option is required to determine feasibility.

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 10**) at the end of Appendix I.

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

Elementary/Junior High Students by Residence 2008-2009				
		Elementary/Junior Students	Elementary/Junior Capacity	Utilization
AREA I	Sector 1	5,139	6,929	74.2%
	Sector 2	7,792	7,592	102.6%
TOTAL		12,931	14,521	89.1%
AREA II	Sector 3	3,780	13,640	27.7%
	Sector 4	9,017	6,568	137.3%
TOTAL		12,797	20,208	63.3%
AREA III	Sector 5	17,694	19,255	91.9%
TOTAL		17,694	19,255	91.9%
AREA IV	Sector 6	6,134	8,441	72.7%
	Sector 7	4,252	6,798	62.6%
TOTAL		10,386	15,239	68.6%
AREA V	Sector 8	7,790	17,504	44.5%
	Sector 9	10,726	5,959	180.0%
TOTAL		18,516	23,463	78.9%
GRAND TOTAL		72,324	92,686	78.0%

Notes:

- Student numbers are based on ArcView data as at September 30, 2008 (K@FTE to Grade 9).
- Capacity as per Alberta Infrastructure's ACU Report dated March 28, 2008 assuming exemptions.

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

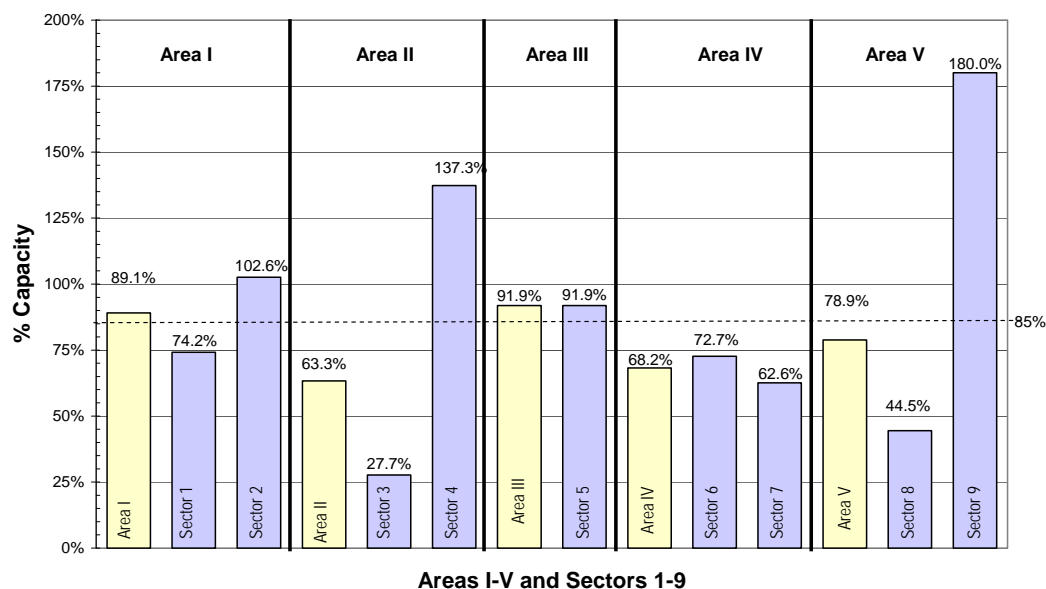


Table 2: Capacity by Residence Senior High (%)

Senior High Students by Residence 2008-2009				
Area	Sector	Senior High Students	Senior High Capacity	% Utilization
AREA I	Sector 1	1,998	2,483	80.6%
	Sector 2	3,379	2,015	167.7%
Total		5,377	4,498	119.5%
AREA II	Sector 3	1,526	6,763	22.6%
	Sector 4	2,932	1,300	225.6%
Total		4,458	8,063	55.3%
AREA III	Sector 5	6,423	4,841	132.7%
Total		6,423	4,841	132.7%
AREA IV	Sector 6	2,609	1,680	155.3%
	Sector 7	2,235	5,062	44.2%
Total		4,844	6,742	71.9%
AREA V	Sector 8	3,741	6,121	61.1%
	Sector 9	3,857	1,832	210.5%
Total		7,598	7,953	95.5%
Grand Total		28,700	32,097	89.4%

Notes:

- Student numbers are based on ArcView data as at September 30, 2008
- Capacity as per Alberta Infrastructure's ACU Report dated March 28, 2008 assuming exemptions.

Senior High Area Utilization Rates by Residence

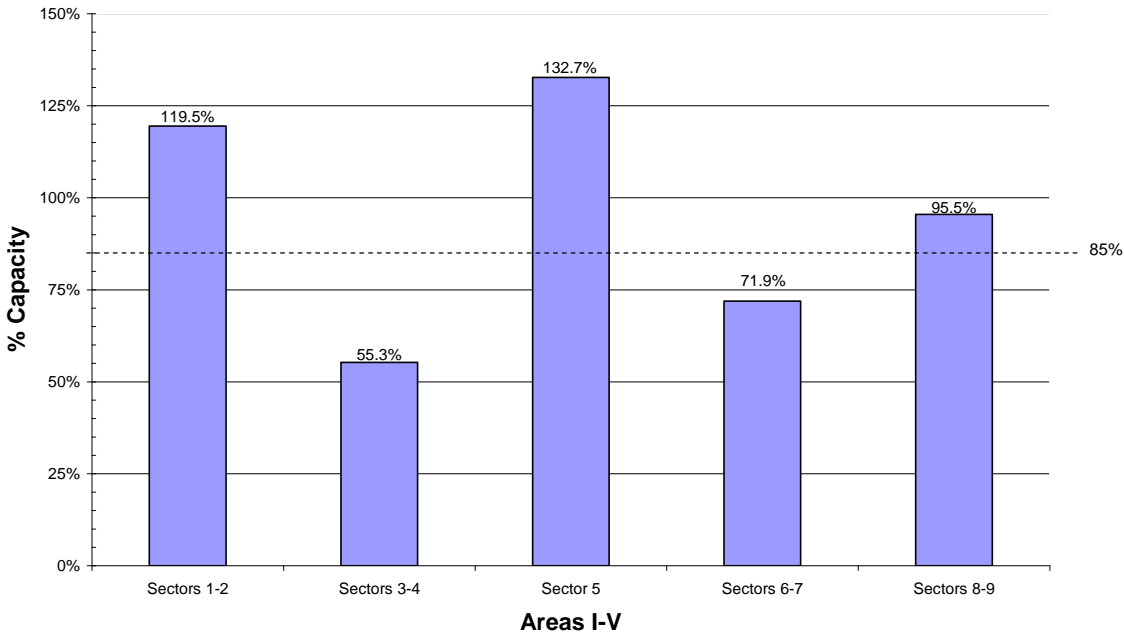


Table 3: % Capacity for Elementary/Junior High by Enrolment

Elementary/Junior High Students by Enrolment 2008-2009				
Area	Sector	Elementary/ Junior Students	Elementary/ Junior Capacity	Utilization
AREA I	Sector 1	5,046	6,929	72.8%
	Sector 2	6,675	7,592	87.9%
	Total	11,721	14,521	80.7%
AREA II	Sector 3	9,726	13,640	71.3%
	Sector 4	5,786	6,568	88.1%
	Total	15,512	20,208	76.8%
AREA III	Sector 5	15,397	19,255	80.0%
	Total	15,397	19,255	80.00%
AREA IV	Sector 6	5,950	8,441	70.6%
	Sector 7	4,467	6,798	65.7%
	Total	10,417	15,239	68.4%
AREA V	Sector 8	12,903	17,504	73.7%
	Sector 9	5,500	5,959	92.3%
	Total	18,403	23,463	78.4%
Grand Total		71,450	92,686	77.1%

Notes:

- Student numbers are based on ArcView data as at September 30, 2008 (K@FTE to Grade 9).
- Capacity as per Alberta Infrastructure's ACU Report dated March 28, 2008 assuming exemptions.

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

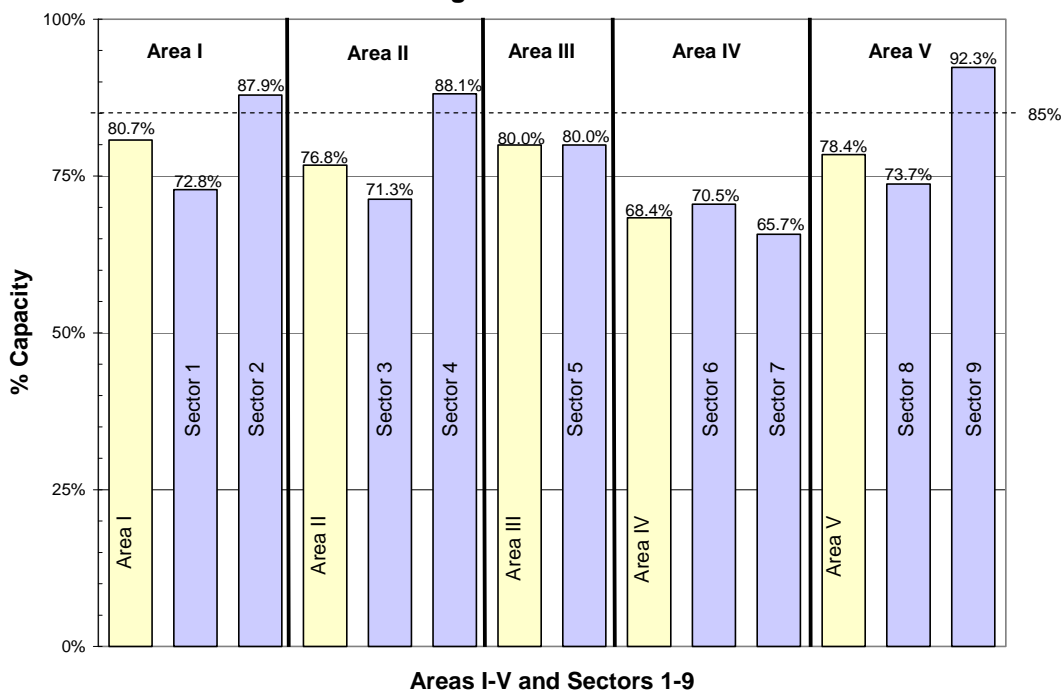


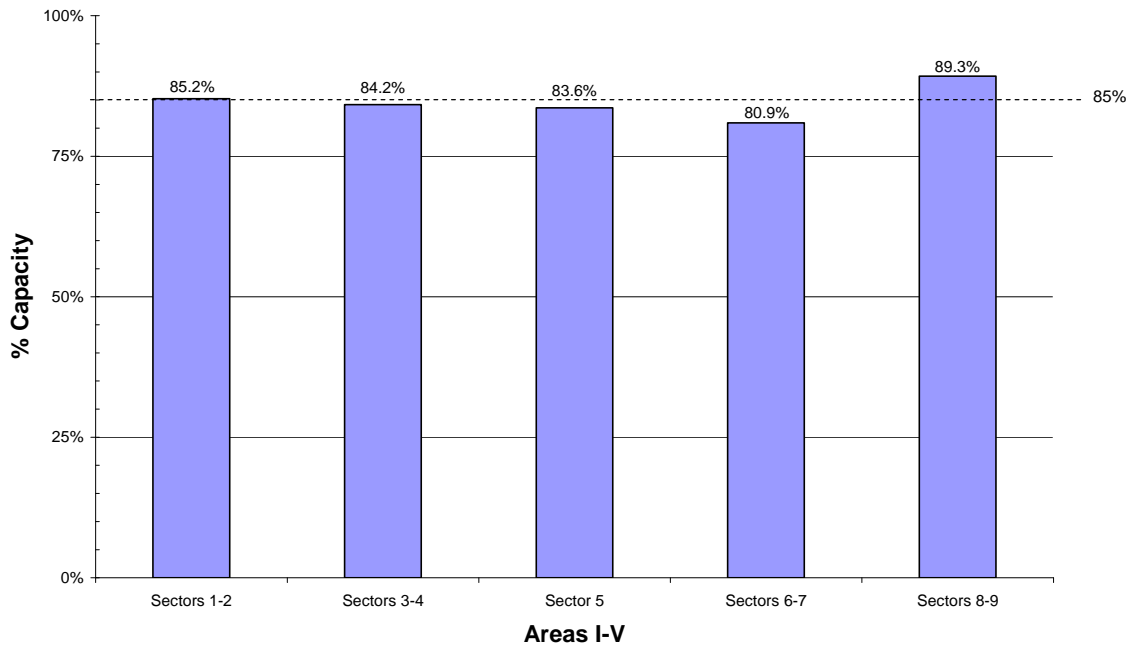
Table 4: % Capacity by Enrolment – Senior High

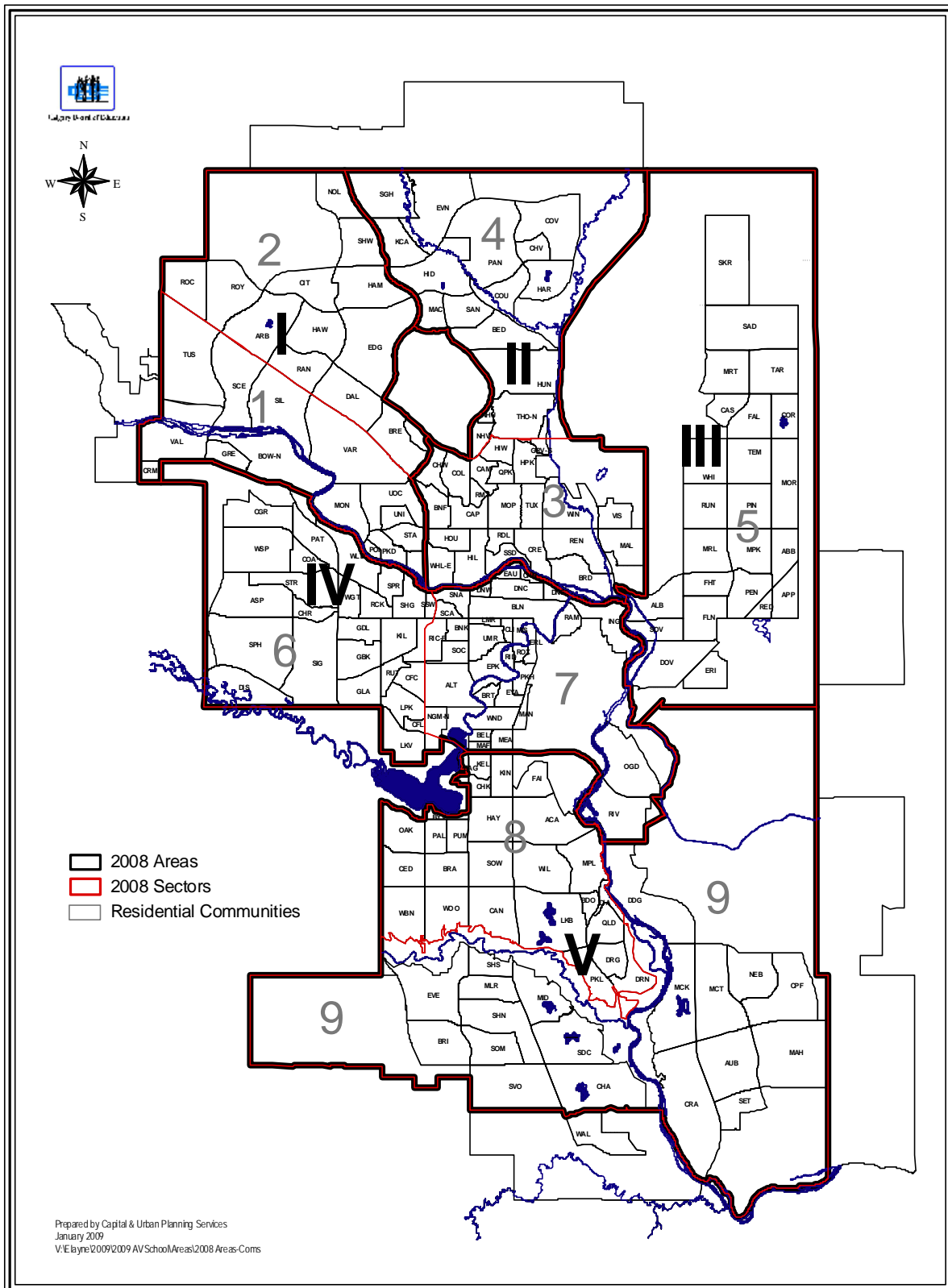
Senior High Students by Enrolment 2008-2009				
		Senior High Students	Senior High Capacity	% Utilization
AREA I	Sector 1	1,837	2,483	74.0%
	Sector 2	1,997	2,015	99.1%
Total		3,834	4,498	85.2%
AREA II	Sector 3	5,330	6,763	78.8%
	Sector 4	1,458	1,300	112.2%
Total		6,788	8,063	84.2%
AREA III	Sector 5	4,047	4,841	83.6%
Total		4,047	4,841	83.6%
AREA IV	Sector 6	1,246	1,680	74.2%
	Sector 7	4,210	5,062	83.2%
Total		5,456	6,742	80.9%
AREA V	Sector 8	5,300	6,121	86.6%
	Sector 9	1,799	1,832	98.2%
Total		7,099	7,953	89.3%
TOTAL		27,224	32,097	84.3%

Notes:

- Student numbers are based on ArcView data as at September 30, 2008
- Capacity as per Alberta Infrastructure's ACU Report dated March 28, 2008 assuming exemptions.

Senior High Area Utilization Rates by Enrolment

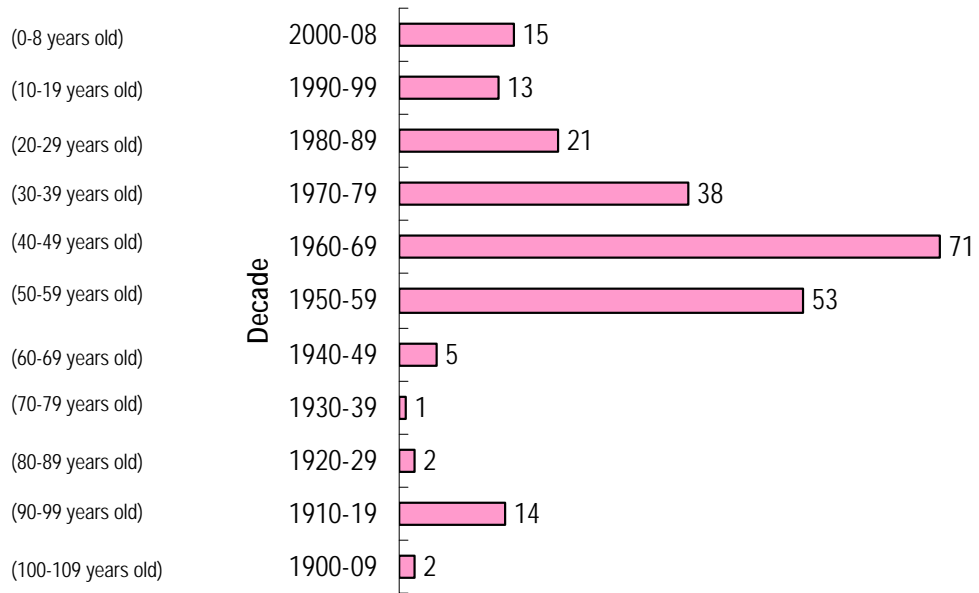




Modernization Information

There are 148 CBE schools that are greater than 40 years old representing 63% of the CBE inventory

School Building Construction by Decade 1900-2008



999E2901.903

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 7-9	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 10-12	320	16
Woodman	V	Grades 7-9	300	17

* Recommended as part of Career and Technology Curriculum (CTC) strategy.

** 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

New School Construction

Community Ranking

Community	Area	Grade	Points	Rank
New Brighton	V	K-4	102	1
Royal Oak/Rocky Ridge	I	Gr. 5-9	99	2
Tuscany (2)	I	K-4	96	3
Saddle Ridge	III	Gr. 5-9	96	4
New Brighton/Copperfield	V	Gr. 5-9	96	5
Evergreen	V	Gr. 5-9	90	6
Copperfield	V	K-4	90	7
McKenzie Towne	V	Gr. 5-9	85	8
Springbank Hill	IV	K-4	80	9
Springbank Hill/Discovery Ridge	IV	Gr. 5-9	76	10
West Springs/Cougar Ridge	IV	Gr. 5-9	71	11
Martindale (2)	III	K-4	70	12
Cougar Ridge	IV	K-4	57	13
Country Hills/Harvest Hills	II	K-4	54	14
Bridlewood	V	Gr. 5-9	54	15
Signal Hill	IV	Gr. 5-9	51	16
Country Hills/Harvest Hills	II	Gr. 5-9	50	17
Evanston	II	Gr. 5-9	50	18
Evanston	II	K-4	49	19
Cranston	V	Gr. 5-9	49	20
Valley Ridge/Crestmont	I	K-4	48	21
Kincora	II	K-4	44	22
Auburn Bay	V	K-4	38	23
Discovery Ridge	IV	K-4	35	24
Panorama Hills (2)	II	K-4	30	25
Evergreen (2)	V	K-4	30	26
Saddle Ridge (2)	III	K-4	30	27
Hamptons	I	K-4	25	28
Cranston (2)	V	K-4	20	29

Notes:

- **Accommodation Options** - Rocky Ridge elementary students can be accommodated at Royal Oak Elementary and Royal Oak/Rocky Ridge Middle School and are not ranked.
- (2) Indicates second K-4 school.
- In the case of a tie, the strongest community growth profile is ranked first.

School Capital Plan 2010-2011, 2011-2012, 2012-2013

2010-2013 Ranking for Capital Submission – K-4

Community	Community Growth Profile (points)			Busing, Safety 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	5	20	0	0	0	0	25
Sherwood	0	0	0	0	0	0	0
Tuscany (2)	35	20	15	26	0	0	96
Valley Ridge/Crestmont	15	10	0	23	0	0	48
Area II							
Country Hills/ Harvest Hills	15	20	0	19	0	0	54
Evanston	15	0	5	29	0	0	49
Kincora	5	0	10	29	0	0	44
Panorama Hills (2)	15	0	15	0	0	0	30
Area III							
Martindale (2)	15	30	0	15	10	0	70
Saddle Ridge (2)	15	0	15	0	0	0	30
Area IV							
Aspen Woods	0	0	0	0	0	0	0
Cougar Ridge	15	20	5	17	0	0	57
Discovery Ridge	5	10	0	20	0	0	35
Springbank Hill	15	30	10	15	10	0	80
Area V							
Auburn Bay	5	0	5	23	0	5	38
Copperfield	15	30	10	30	0	5	90
Cranston (2)	0	0	15	0	0	5	20
Evergreen (2)	15	0	15	0	0	0	30
New Brighton	15	40	10	32	0	5	102
Silverado	0	0	0	0	0	0	0

- 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-6 students are not ranked. For example, Rocky Ridge students will be accommodated in the Royal Oak elementary school under construction for September 2010. As a result, Rocky Ridge is not ranked for an elementary school.

School Capital Plan 2010-2011, 2011-2012, 2012-2013

2010-2013 Ranking for Capital Submission – Middle/Junior (Grades 5-9)

Community	Community Growth Profile (points)			Busing, Safety 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	25	30	15	29	0	0	99
Area II							
Country Hills/Harvest Hills	5	20	0	25	0	0	50
Evanston	0	0	5	45	0	0	50
Area III							
Saddle Ridge	15	40	15	26	0	0	96
Area IV							
Aspen Woods	0	0	0	0	0	0	0
Signal Hill	15	20	0	16	0	0	51
Springbank Hill/ Discovery Ridge	15	30	15	16	0	0	76
West Springs/Cougar Ridge	5	30	15	21	0	0	71
Area V							
Bridlewood	5	10	15	24	0	0	54
Cranston	5	0	15	24	0	5	49
Evergreen	15	40	15	20	0	0	90
McKenzie Towne	15	20	15	30	0	5	85
New Brighton/Copperfield	5	40	15	31	0	5	96

- Notes:
1. 0 points in Community Growth Profile = 0 points in Busing, Safety 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, 2008				
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, 2008				
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			