

# **School Capital Plan**

**2005-2006, 2006-2007, 2007-2008**



Calgary Board of Education

**Prepared by Student Accommodation Services**

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**1.0 INTRODUCTION**

The Calgary Board of Education is the second largest school district in Canada and has approximately 100,000 students, 8,700 full-time staff, 1.2 million square metres of facility space, and an annual budget of \$740 million. The Calgary Board of Education is known for its leadership, diverse programs, and innovative system design within a collaborative culture, and is focused on providing quality education and equitable access to all of its students. The CBE incorporates a decentralized administrative system into five Areas, with regional offices for facilitating curriculum and program planning and decision making.

Calgary is a city with a young and diverse population with one of the most prosperous economies in Canada. One simple indicator of the magnitude of the growth is that the population of Calgary increased 91,100 persons between 1999 and 2004, an average of 18,220 persons per year.

The City of Calgary report, "Calgary and Region Economic Outlook 2004-2014," (November 2004), identifies continued strong growth for Calgary; however, at a more moderate pace compared to the past five years. The City forecast indicates the total population of Calgary will reach 1,015,800 in 2009, an increase of 82,305 persons from the 933,495 total in 2004. This five-year population forecast represents an average increase of 16,460 persons per year during this period, which is a decrease of 1,760 persons per year in comparison to the past five years.

Calgary Total Population (,000s)										
Actual						Projected				
1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
842.4	860.7	876.5	905.0	922.3	933.5	950.6	966.1	982.6	998.7	1,105.8

**1.1 Calgary Board of Education Student Enrolment**

The population of Canada has surpassed the 32.5 million mark. The increase in Canada's population is mainly due to a large increase in the number of inter-provincial and international migration. The Alberta economy is expected to grow by 3.6% in 2004 and is expected to grow by 3.1% on average over the forecast period (2004-2014). The population of Calgary is projected to grow at an annual rate of 1.4% between 2004 and 2009. Calgary's population grew by 11,180 persons for 2004 and natural increase was 8,927 persons and a total net migration was 2,253 persons during this period. The population increase was weaker than expected and approximately 9,000 persons below the average population growth of the City over the previous five-year period.

The Calgary Board of Education (CBE) serves a Kindergarten to Grade 12 enrolment of 95,808 students, 108 CBeLearn (internet access to learning) students, plus 1,836 (< 20 years in FTE) Continuing Education students for a total of 97,752 students (based on September 30, 2004, enrolments). The CBE enrolment figures indicate that the Kindergarten to Grade 12 population of 95,808 students is 540 students less than the previous year's enrolment of 96,348 students (excludes CBeLearn). The five-year history of CBE student enrolments from 2000 to 2004 indicates a relatively stable pattern of enrolment with an annual variance of less than 1%.

Enrolments are expected to decline by approximately 1,900 students over the next three years with an enrolment projection of 93,905 students (excluding Continuing Education) for the 2007-2008 school year if current trends continue. In terms of five-year projections, enrolments for the 2009-2010 school year are projected to be 92,925 (excluding Continuing Education); a decline of approximately 980 students from 2006-2007.

The natural increase, defined as births less deaths, rose to 8,927 in 2004 from 8,363 in 2003. This year, 2004, is the fourth year that the natural increase has grown above the five-year average. This will have growth implications for elementary schools as the “baby echo” works its way through the school-age population. Net migration fell to 2,253 in 2004 from 8,965 in 2003. This sharp reduction in net migration is partly explained by the relatively slower pace of job creation in Calgary compared to the rest of Alberta.

A brief summary of September 30, 2004, student enrolment and projected September 2005 to 2009 enrolments are as follows:

Five-Year Enrolment Projections 2005-2009						
	Actual	Projected				
	2004	2005	2006	2007	2008	2009
Kindergarten	6,153	6,405	6,290	6,320	6,540	6,430
Elementary (Grades 1-6)	40,704	40,720	40,730	40,680	40,810	41,200
Junior (Grades 7-9)	22,612	21,815	21,420	21,040	20,955	20,720
Senior (Grades 10-12)	25,113	25,300	25,120	24,640	23,775	23,350
Specialty Programs	1,226	1,225	1,225	1,225	1,225	1,225
<b>Total Student Count</b>	<b>95,808</b>	<b>95,465</b>	<b>94,785</b>	<b>93,905</b>	<b>93,305</b>	<b>92,925</b>

## 1.2 Calgary Growth and Development

A major challenge for the Calgary Board of Education 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 to 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 approximately 40 new and developing communities in varying stages of development. An alternative option for more orderly development is to phase growth into a smaller number of developing communities. The large number of concurrently developing communities puts increased pressure on the Calgary Board of Education to meet the expectations of parents for school construction in their community and the Provincial government requirement for improving student achievement. New schools in the right places support CBE's education plans for “centrality of learning” and ensuring students come “ready to learn.” The City of Calgary's “Suburban Residential Growth Information Update” indicates that approximately 95% of the expected new home construction is to go to the new communities. In terms of population growth, the City of Calgary's “Short-Term Growth Management Strategy” indicated the 2002-2003 population increased 17,328 persons in the developing communities, and decreased 5,441 persons in the established areas.

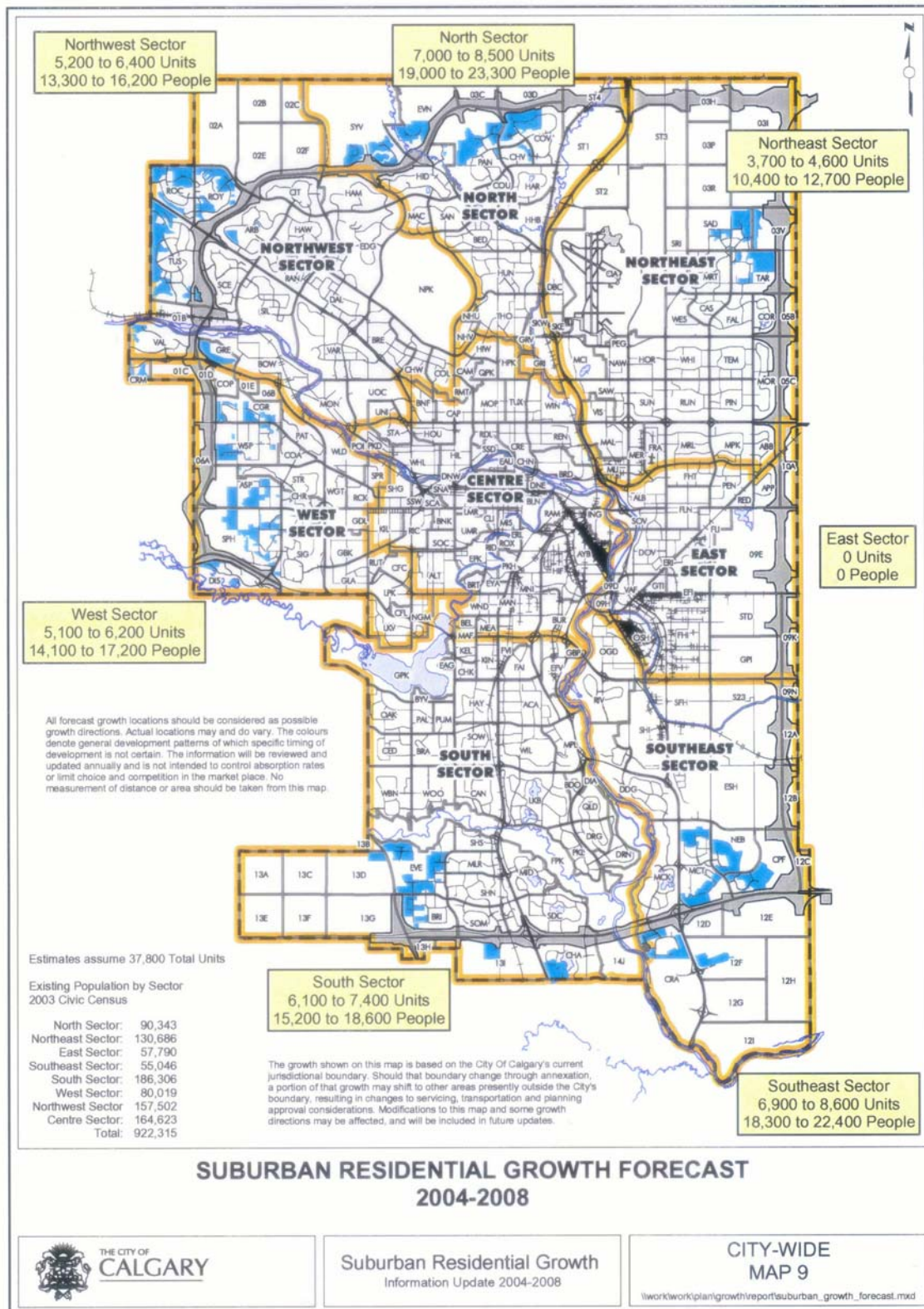
The “2004-2008 Suburban Residential Growth Information Update” indicates historically, based on a five-year growth average, the new developing suburbs have gained between 100% and 110% of the City’s population growth. Essentially what this means is that all of the new population growth has been occurring in the new developing suburbs. In addition to this, up to 10% more growth has been showing up in the new developing suburbs than from the older, more established areas of Calgary.

The development trend for 100% of the population growth in the developing communities is expected to continue over the next five-to-ten years. During the 2004-2008 period forecast incremental urban growth for suburban locations (**Map 1**) is as follows:

Growth Trends and Development 2004-2008		
Sector ( <i>City of Calgary</i> )	Housing Units	Population Forecast
Northwest	5,200-6,400	13,300-16,200
North	7,000-8,500	19,000-23,300
Northeast	3,700-4,600	10,400-12,700
East	0	0
Southeast	6,900-8,600	18,300-22,400
South	6,100-7,400	15,200-18,600
West	5,100-6,200	14,100-17,200

City of Calgary Planning Sectors

City of Calgary, "Suburban Residential Growth Information Update 2004-2008, pp. A-35"



1.3 City of Calgary Annexation

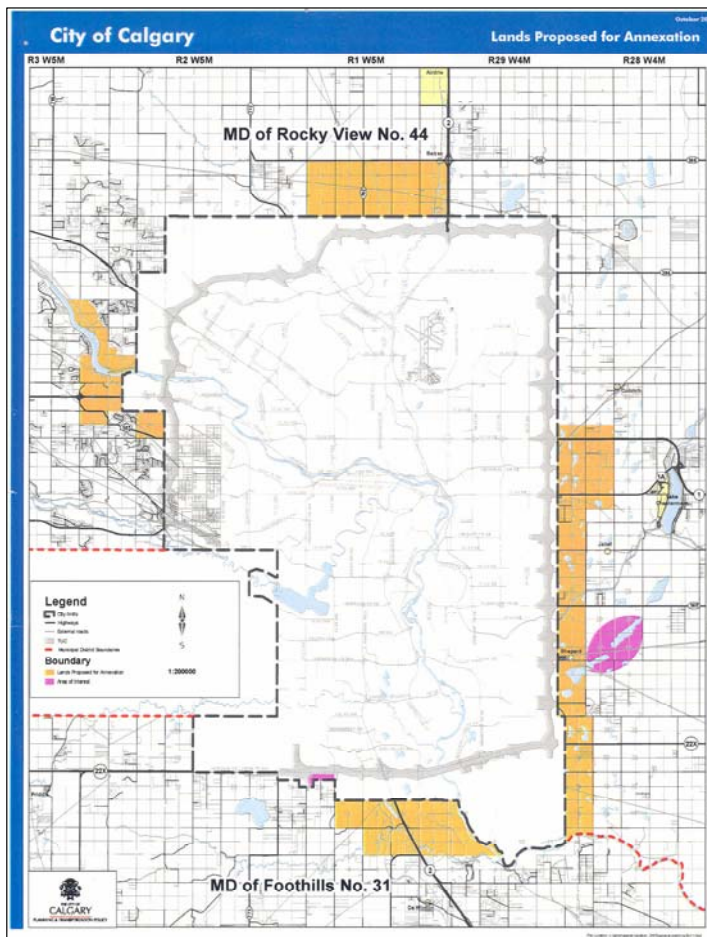
The City of Calgary has announced its intention to annex 43 square miles of new lands (see shading on map). The lands proposed for annexation are large undeveloped agricultural parcels with very few dwelling units. The annexation process provides for a very long-term land supply and the majority of the annexation area will remain undeveloped for a long time. The City has indicated that some areas will undergo planning soon after the annexation; however, the phasing of development for these new lands has not been identified at this time.

Annexation of new land provides the Calgary Board of Education insight into the direction in which the City will be

developing and where new communities and school populations will be located in the future. Although there is no immediate impact on requests for new facilities, it is apparent that the major annexation areas are occurring adjacent to many of the new and developing communities which the Calgary Board of Education has identified for schools.

The annexation would impact the transportation department, as students within the newly-annexed City limits would qualify for transportation to their designated school. At this time, no data is available from the City with respect to the number of school age students within these boundaries. It is anticipated that many of these students would be allowed to continue attending their current school jurisdiction for a period of time, which has yet to be determined.

The City has concluded negotiations with the Municipal District of Foothills and annexation to the south was approved by the City of Calgary and MD of Foothills, March 25, 2004. On April 7, 2004, the City of Calgary requested the Province approve annexation to the south, effective January 1, 2005. The Municipal Government Board authority reviewed the annexation and recommended that annexation be approved. The City of Calgary is currently awaiting formal Cabinet approval from the Provincial government.



Negotiations between the City of Calgary and the Municipal District of Rockyview are continuing and the projected resolution date is expected to be January 2006. Lynx Ridge, in the northwest of the City (adjacent to the Tuscany community), was recently annexed to the City on January 1, 2005, by order of the Province to solve a serious septic sewer problem.

### 1.4 The Links Between New School Design and Education

The Calgary Board of Education has reviewed several prominent research reports to survey the literature regarding linkages between education, design of schools and capital plans. Over the past five-year period, capital plans and new school designs have been developed to reflect changing education theory. For example, the grade configuration for new and some existing schools has changed to develop more middle schools and K-4 feeder schools.

In addition, the size of school (a prominent theme in education literature) has been incorporated into most new school capital projects, which have been designed to accommodate the ideal size of schools. For larger schools, "schools within schools" is being achieved through designs such as dedicated wings. Smaller core schools of 300-350 capacities achieve an opening day enrolment of 500-600 students through the addition of relocatables. The relocatables are required to accommodate the 300-350 student longer term enrolment or until a second school is constructed in a community.

While the capacity of the school is designed for the peak period of student enrolment in the community, the design capacity has the flexibility to be reduced by up to 40% in accordance with the demographic changes the community will go through as it ages. This is achieved through the initial incorporation and a subsequent removal of relocatable classroom units. The Capital Plan and Three-Year Educational Plan both reference the CBE's long range plans to size the core area of the school in accordance with the longer-term capacity needs of the community's ultimate built-out size.

The philosophy is that successful design is informed by and responsive to research, learning philosophy, the community and ultimately the learners. Each physical response to the educational needs is representative of a particular Calgary community's educational philosophy, cultural heritage and values.

The Capital Plan employs the most recent educational research and perspectives from the various Calgary communities working with the CBE design committees for new schools.

While the new design of schools employs solutions to address community demographic aging, they are also incorporating features that accommodate a broader range of learning styles. Hallways and circulation areas are designed as student learning areas and "break-out" rooms accommodate smaller spaces for different learning styles and teaching techniques.

Other areas such as natural lighting, considered an important factor for student achievement levels, and security and supervisory monitoring features have been integrated into building design. As educators place considerably more emphasis on learning styles such as hands-on and interdisciplinary learning activities, the CBE has

incorporated new equipment and specialty spaces into the CTS space of new and modernized schools.

While the research on school size and learning methods are persuasive, it has been our experience that the communities we work with interpret their needs and preferences in different ways. Communities in differing Sectors express their perspectives in very different ways and express different priorities. For this reason, each community has been encouraged to identify its unique needs and educational vision.

The design of CBE facilities contributes significantly to the efficient management of facilities and ensures that safety and security are addressed through fire and police expert's participation in the design process.

Teachers are important contributors to the consensus building approach to integrate facility design and curriculum delivery. School design must provide facilities that give students opportunity to succeed since teachers are being asked to improvise and adapt in how they work to improve student achievement levels.

The current approach to school design attempts to maximize flexibility but must conform to formula driven funding constraints that can sometimes drive inflexible solutions. Recent announcements suggest Alberta is moving further away from flexible design. Provincial officials favor a prototypical school design that offer common elevations for building appearance and changes for community compatibility. The CBE attempts to design facilities intended to address primary needs of children for comfort, security and most importantly, stimulation. The elements of scale of space texture and light are being restricted to the simple use of colour, size and uniformity.

Schools must not only achieve the objectives of the children, parents, administration, teachers and communities in the unique setting they occupy but achieve success by their standards.

### 1.5 Future Trends and Service Implications

There are many economic, demographic, environmental and social influences on the Calgary Board of Education. These influences are extremely important in planning for the construction and modernization of facilities to meet the needs and requirements of CBE students. Some of the key trends and implications that will influence the educational environment of our students in the foreseeable future are listed below.

#### 1. Access and Quality of Physical Learning Environment

The average age of CBE facilities and equipment continues to increase bringing both asset and functional obsolescence. At the same time the City continues to grow and expand with many new communities developing in the outlying areas.

- New strategies will be required, due to the limitations of traditional funding to accommodate new school construction. Public private partnerships may become an increasingly important approach to satisfying this need.
- Functional upgrades and modernizations to accommodate changing curriculum and more flexible learning environments will require new strategies. Limitations

in funding for maintenance backlog and renovation needs continues to be a constraint.

- Greater need for creativity in both revenue generation and partnership development will require new skills to be developed or acquired.
- Innovative solutions, with private sector funding, will increasingly be required for equipment, technology and buildings.
- Alternative models of community partnership and ownership will be required. Legislative barriers and hurdles will demand increasing attention to accommodate these models.
- Shared use and ownership of buildings to share long term costs of upgrades and maintenance will require greater attention to legal agreements and changes to the traditional ownership model of community schools.
- School designs will need to accommodate increasing public use and innovative breakout spaces.

## 2. Technology Changes

Technology will continue to offer significant challenges to the CBE to provide solutions, accommodate new and expanded use of technology to staff and students, and provide essential technical support. An ongoing issue is the need to design maximum flexibility and security into CBE facilities.

- Greater standardization of network components will be required as wide-area networks expand, voice and data networks merge and the Alberta Supernet provides increasing opportunities for information sharing and application use.
- Technology is shifting rapidly to ‘anywhere, anytime’ models placing a focus on networking and the growth of new access devices in an expanded service environment.
- The demand for modern state of the art equipment that is sustainable, reliable and scalable to maximize efficiencies and human resource productivity will continue.
- Wireless technologies will be increasingly used along with high-capacity wired networks.
- A connected digital environment is supporting more flexible learning environments.
- Increased demand for access to anywhere/anytime environments will result in expanded service levels and delivery options.
- Global and shared access to our networks will require increased attention to security risk and security protocols. Destructive hacking, viruses and other service attacks pose security and investment risks.
- There is a need to plan for greater standardization. This imposes limits on the number of platforms, operating systems and non-standardized equipment that can be supported by the CBE. Replacement and refresh strategies must be managed to meet demands for both standardization and flexibility within both administrative and teaching and learning environments.
- Miniaturization trends will require planning for a variety of devices in our evergreening strategies. However, small devices increase theft risk and must be managed.
- Increased education of staff and students in good security practice will be required.

- Reliability, expectations with continuing increased usage of technology will impose increasing demands for timely technical and training support.
- Wireless networks will drive new access devices and applications including demand for voice over data networks.

### 3. Risk Management

Over the past few years, the general public including parents, staff and students have become increasingly exposed to perceived and potential risk management issues.

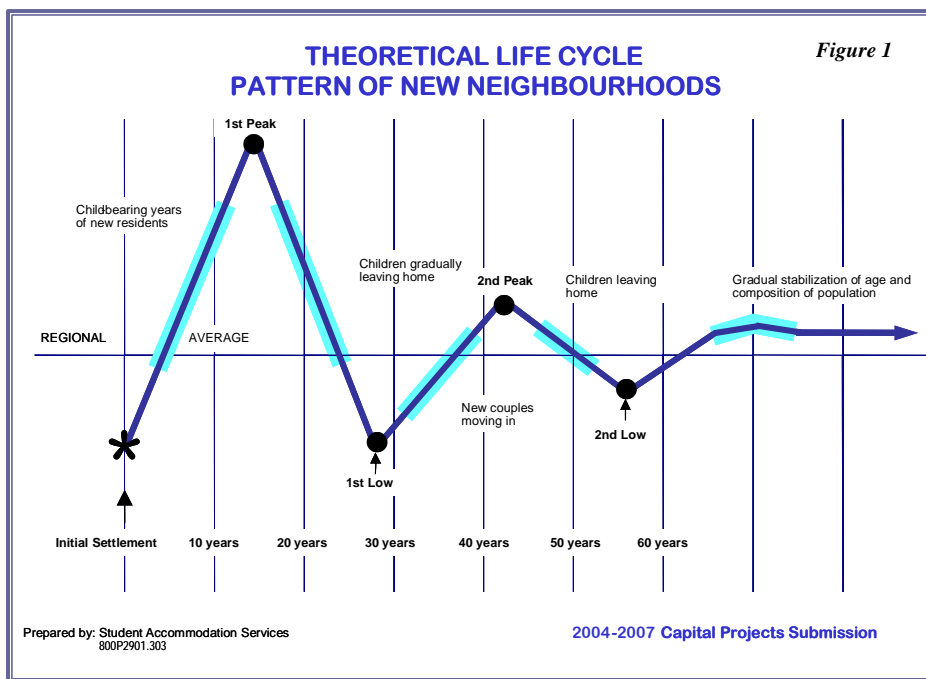
- Complexity of family unit is driving parents and institutions to reexamine and reassess rights, responsibilities and accountabilities.
- Parent expectations on the roles of schools are rising in providing multiplicity of services – social, health, transportation, childcare – with greater attention to legal rights and challenge to policy and regulations.
- Legislation is becoming more demanding to mitigate risks and preserve rights. For example recent changes to privacy rights (FOIP), safety (Occupational Health & Safety Legislation, Working Alone) is evidence of these expectations.
- Increasing public use of schools both through rental, lease and partnership is clearly demonstrating a growing public increase in the use of facilities for shared community needs.
- Safety risks are growing in transportation of students with higher levels of traffic congestion and high-speed conditions.
- Greater public awareness and concern for environmental issues as infrastructure ages (molds, air quality, building materials).

2.0 CAPITAL STRATEGIES

The Calgary Board of Education is pursuing capital strategies to provide new and modernized schools in closer proximity to the student population. Capital strategies seek to attain increased levels of student achievement levels through a cost-effective approach to the management of capital assets and reduced ongoing operating costs to CBE school facilities and transportation service.

While the CBE has excess school capacity on a system-wide basis, the school facilities are not located in proximity to the newly developing and expanding communities where students reside. Schools

with under-utilized space are located in older communities where the lifecycle of the neighbourhood has surpassed the peak of school-age population and is declining (Figure 1).



School boards and the Provincial government have adopted a sector-based approach to planning. The utilization rate of each sector determines eligibility to qualify for Provincial capital funding for new schools. The Provincial government uses utilization by enrolment, whereas the Calgary Board of Education considers utilization by residence a better indicator of demand for ranking communities. This is further explained in Section 2.2.

The School Capital Plan 2005-2008 reflects the new system renewal vision for improving access to alternative programs as identified in Section 2.6.

The CBE’s student population continues to decline in communities where existing schools are located and to increase in communities that do not have older school facilities. This shift necessitates the designation of bus receiver schools to accommodate student enrolment growth from the new communities and keeps student enrolment in schools in older communities artificially high due to busing. Transportation strategies are presented in Section 2.7.

### 2.1 Calgary Board of Education Vision

The Board of Trustees identified in Spring 2001, the CBE Vision, which addressed the need to pursue new capital funding strategies, recognizes the changing needs of students, and build strong ties with parents, partners and the community. More specifically, the Vision identified:

- a need for greater CBE presence in newer areas and facilities that flex with neighbourhood enrolment levels;
- parental desires for schools closer to home, especially at primary school levels;
- increasing demand for program choice and seamless transitions to post-secondary education;
- the challenges presented by under-utilized facilities; and
- a desire to foster innovation in leadership, learning and programming.

The Vision anticipates a system of core elementary feeder schools for local communities, complemented where appropriate, by middle schools for Grades 5-9 and high schools serving large geographic areas.

The Board of Trustees approved a new Mission Statement, January 2003: “Educating Tomorrow’s Citizens Today.”

### 2.2 Sector-Based Approach to Planning

The Provincial government has requested that school boards employ the sector-based approach to planning. In January 2000, the Calgary Board of Education adopted this approach to school facility planning and it has been a key component for evaluating new capital school construction projects. The establishment of nine geographical sectors (see **Map 2**) provides similar catchment areas for student accommodation planning and creates a smaller unit of analyses for identifying the need for school facilities. The Provincial government requires sector utilization by enrolment to exceed 85% before a school jurisdiction is eligible for capital funding. The sectors with low utilization rates will not be eligible until student enrolment increases and/or capacity decreases.

A summary of sector utilization by enrolment and residence follows. Sector utilization by enrolment identifies the number of students attending schools in a sector expressed as a percentage of the total capacity in a sector. Sector utilization by residence identifies the number of students residing in a sector expressed as a percentage of the total capacity in a sector. Student accommodation planning using sector utilization by residence will ensure that schools are built in the right places.

There is sufficient space in Calgary schools to accommodate the current student population; however, most of the schools are not in close proximity to where the students reside. It is the strategy of the Board of Trustees to provide schools where the students reside. The pressure for schools in the right places is best reflected in the utilization by residence.

Sectors 2, 4, 5 and 9 qualify for new construction under the Provincial guidelines. As indicated in the tables, Sectors 2, 4 and 9 have substantially higher utilization by residence than by enrolment and Sectors 3 and 8 have higher utilization by enrolment than by residence. The difference in utilization by residence and enrolment is mainly due to bussing. Many students residing in Sectors 2 and 4 are bussed to schools located in Sector 3 and students residing in Sector 9 are bussed to schools located in Sector 8.

Sector Utilization by Student Enrolment - 2003-2004			
Sector	Elementary %	Junior High %	Elem/Jr Utilization %
Sector 1	76	102	84
Sector 2	86	94	89
Sector 3	68	73	70
Sector 4	99	58	87
Sector 5	88	81	85
Sector 6	72	74	73
Sector 7	53	106	62
Sector 8	71	70	70
Sector 9	98	92	97

Sector Utilization by Student Residence - 2003-2004			
Sector	Elementary %	Junior High %	Elem/Jr Utilization %
Sector 1	72	80	74
Sector 2	110	150	122
Sector 3	36	25	31
Sector 4	121	140	126
Sector 5	96	93	95
Sector 6	75	74	74
Sector 7	53	84	65
Sector 8	51	52	51
Sector 9	169	327	201

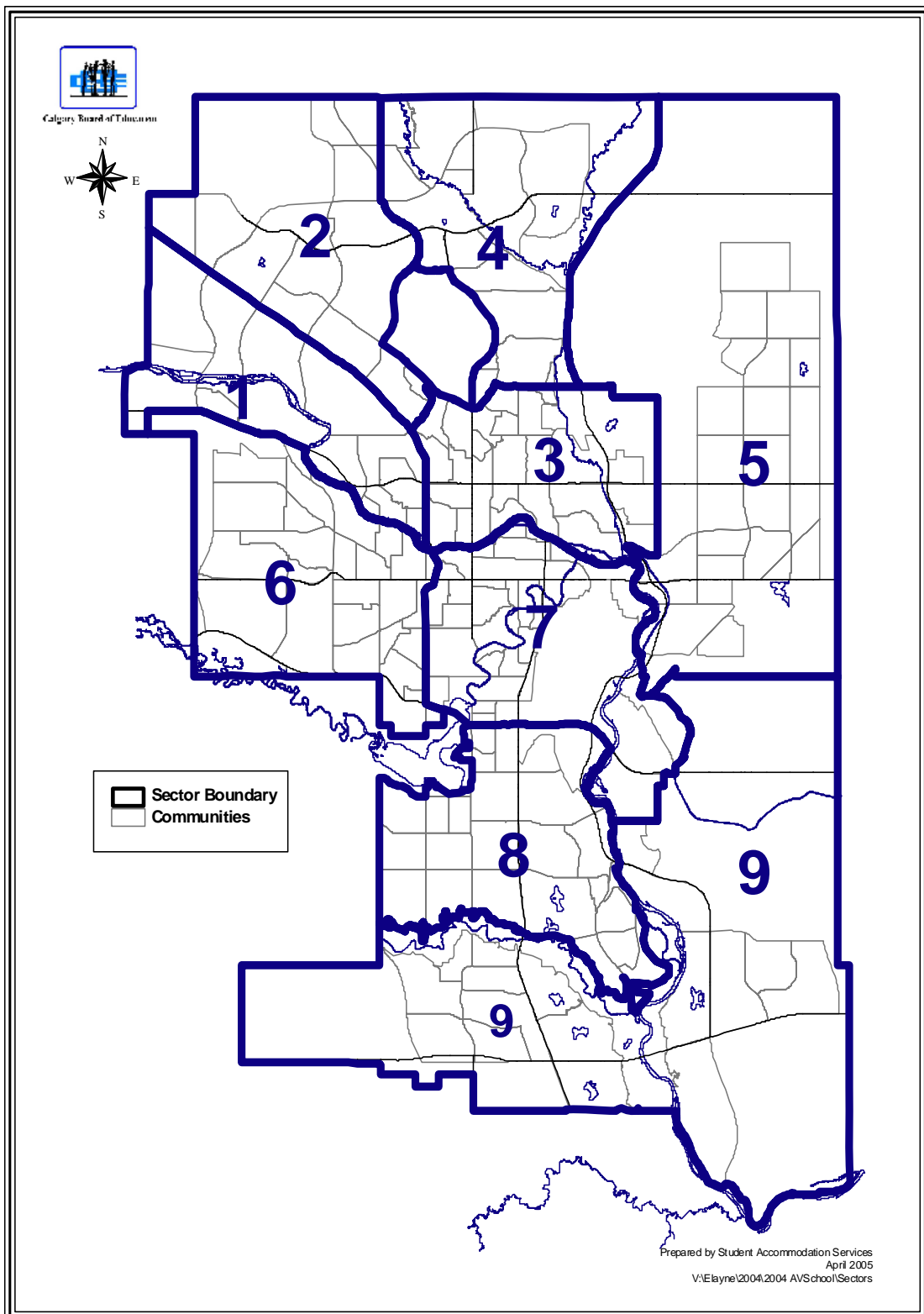
Notes:

- Enrolment is at September 30, 2004: elementary/junior includes K-GR9 (K@FTE)
- Based on current Provincial capacity
- Special Education students have been weighted
- Elementary is K-6, junior high is Grades 7-9

Sector 1 is slightly below the required 85% utilization by enrolment. The CBE will continue to consider consolidation and utilization of surplus space strategies as identified in Section 2.6 to improve utilization rates in this Sector and qualify for new school construction.

For the 2005-2008 School Capital Plan, the Province has indicated all outlying Sectors (1, 2, 4, 5, 6, 9) will be considered eligible for new school construction. The Calgary Board of Education will continue to work toward an 85% Sector utilization rate for all outlying Sectors to meet CBE objectives and priorities.

2004 Sector Map



### 2.3 New School Construction and School Approvals

A challenge for the Calgary Board of Education is to construct new schools "in the right places, at the right time" where the strongest growth is occurring and, at the same time, provide access to alternative programs in each Area and consolidate space in under-utilized schools.

Centennial High School (South Senior High School) Grade 10-12, CBE's newest high school, opened ahead of schedule for Grade 10 students for the 2004-2005 school year.

The Province of Alberta announced on April 11, 2003, the funding for six new schools for the Calgary Board of Education. These projects are near, or in the process of, construction (see Map 3).

**A-1 McKenzie Lake, Grade 5-9** - A new middle school for 900 students scheduled to open for the 2006-2007 school year.

**A-2 Coventry Hills School, Grade K-4** - A core school addition to the existing modular school for a total of 575 students scheduled to open for the 2005-2006 school year.

**A-3 Douglasdale/glen School, Grade K-4** - A core school addition to the existing modular school for a total of 525 students scheduled to open for the 2006-2007 school year.

**A-4 Crossing Park Junior High, Grade 7-9** - A junior high addition for Crossing Park School for a total of 350 junior high students scheduled to open for the 2005-2006 school year.

**A-5 Citadel Elementary, Grade K-4** - A new elementary school for 400 students scheduled to open for the 2006-2007 school year.

**A-6 Chaparral Elementary, Grade K-4** - A new elementary school for 400 students scheduled to open for the 2006-2007 school year.

The Province of Alberta announced on March 29, 2004, funding for three new schools for the Calgary Board of Education. These projects are proceeding through design, towards construction (see Map 3).

**A-7 Arbour Lake/Citadel Middle School** - A new middle school for 900 students scheduled to open for the 2006-2007 school year.

**A-8 Tuscany Elementary** - A new elementary school for 550 students scheduled to open for the 2006-2007 school year.

**A-9 Signal Hill/Battalion Park Elementary** - A core school for 625 students scheduled to open for the 2006-2007 school year.



### 2.4 Portable/Relocatable Projects

The Calgary Board of Education has 84 portable units and 423 relocatable units in its inventory. Over 90% of these units were constructed prior to 1997 and do not conform to the current Alberta Building Code. Approximately 41% or 209 of the 507 units in the Calgary Board of Education's inventory, were constructed over 25 years ago and have exceeded their design life expectancy. As a result, many units require significant upgrades and/or reconstruction when relocated which sometimes costs more than 75% of the unit replacement value. The CBE has identified two of the portable units for demolition and is awaiting approvals from the Province.

The CBE is currently constructing 44 new units as part of the new schools approved for 2003-2004 and 2004-2005. These units will be constructed using steel stud construction. The CBE will use this newly-designed unit as part of a replacement plan for older, unsalvageable units.

Due to costs required to remediate and/or upgrade older, non-conforming units, the Calgary Board of Education will be reviewing units for replacement prior to relocating them. Part of this plan will include costs for replacement of existing units in addition to costs for relocation of units.

### 2.5 School Modernization

School 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. Modernization projects should not exceed 75% of the replacement value of the school building as per Provincial guidelines.

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. School boards must assess the viability of schools within their jurisdiction before submitting their modernization application for Provincial funding. Although the Provincial government has indicated their intent to address physical obsolescence starting with audit score rankings greater than 900 and proceeding down the list to 700, the absence of adequate budget has prevented the Province from completing even the 900 and above eligible schools over the past five years.

As part of the long-range planning for communities with current or anticipated K-4 elementary schools, small school modernizations are being planned to prepare existing junior high schools physically for a transition to a middle school grade configuration. Typically, this is a simple and straight-forward transition; however, in some cases, a project scope of work will contemplate upgrades to meet current Career & Technology Strand (CTS) programming requirements, as well as barrier-free accessibility. In addition, the CBE is currently implementing program renewal plans for each Area with the goal of improving student access to alternative programs, which often requires renovations to existing facilities. To facilitate this work, the CBE requires reinstatement of the Modernization Block Funding Program which was terminated by the Provincial government in 2001.

## 2.6 Consolidation and Utilization of Surplus Space

To be eligible to receive Provincial funding to construct new schools, a school board must have an *overall* utilization rate of 85% or greater for schools in a sector unless the Minister determines otherwise. The Provincial government has requested that the CBE continue to consolidate programs and close schools. The Calgary Board of Education is strongly committed to pursuing the 85% or greater sector utilization rate to qualify for new school construction. Closure of schools with low utilization and consolidation of programs will continue in future years through the school viability process and area renewal plans.

The Board of Trustees approved the closure of the following five elementary schools, effective June 30, 2003: Mountain View, Parkdale, Southwood, Spruce Cliff, and Tuxedo Park. On March 30, 2004, the Board of Trustees approved the closure of two elementary schools, effective June 30, 2004: Knob Hill and R.B. Bennett.

Sectors with low utilization rates require effective strategies for space utilization in order to qualify for Provincial funding for new schools. In some sectors this can only be achieved through a school closure. In other sectors, a combination of program consolidation, improved access through introduction of Alternative Programs and other strategies is required. The Calgary Board of Education prepares three-year Area Renewal Plans for each of the five areas. Strategies identified in this document are consistent with the Area Renewal Plans that identify priorities for performance for the 2005-2008 period. The program renewal process will also assist in improved utilization of CBE schools through provision of Alternative Programs and in sector groupings that reflect the new Area structure of the CBE administration unit:

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

Expansions to existing alternative programs for the upcoming 2005-2006 school year are:

- Area I
  - Sector 1 Bowcroft – German Bilingual Program (Grade 5)
  - Sector 1 Sir William Van Horne – Juno Beach Academy (Grade 11)
  - Sector 2 Brentwood – Traditional Learning Centre (Grade 5)
- Area II
  - Sector 3 Collingwood School – Spanish Bilingual (Grade 6)
  - Sector 3 King George – Traditional Learning Centre (Grade 9)
  - Sector 3 Langevin – Science School (Grade 7)
  - Sector 4 Hidden Valley – French Immersion (Grade 3)
- Area III
  - Sector 5 Lester B. Pearson – IB Program (Grade 11)
  - Lester B. Pearson – French Immersion (Grade 12)
  - Valley View - Piitoayis Family School (Grade 8)
- Area IV
  - Sector 6 Ernest Manning – Dynastars Hockey & Life Skills (Grade 11)
- Area V
  - Sector 8 Canyon Meadows – Spanish Bilingual (Grade 4)
  - Sector 8 Dr. E.P. Scarlett – French Immersion (Grade 11)
  - Sector 8 Fairview – National Sports Academy-Hockey (add class)
  - Sector 8 Fairview – Traditional Learning Centre (Grade 5-6)
  - Sector 8 Lake Bonavista – Montessori (Grade 3)
  - Sector 9 Sundance – French Immersion (Grade 3)

Currently there are nine ESL (English as a Second Language) Centres at three elementary, three junior high and three senior high locations. The numbers for ESL continue to grow by approximately 1,500-2,000 students annually and the CBE reviews the needs of ESL at both the System and Area levels. Two new locations for 2005-2006 will be at Terry Fox Junior High and Forest Lawn Senior High.

Future plans for ESL include the vision that Connaught Community School will be the ESL Hub for all ESL work in the system. The school will not only serve as a reception and transition centre for ESL students, but also as a future centre for pre-service and in-service learning in ESL.

The CBE acknowledges the emerging Provincial government's agenda of delivering integrated services to children from schools in older communities with surplus space. For example, the CBE has accommodated the Student Health Initiative Partnership in Cambrian Heights Elementary School and other community-based programs. The CBE has engaged Alberta Infrastructure and Transportation in discussions on how such initiatives and local community-based services can be recognized for the purpose of operation and maintenance and consistency with the Municipal Government Act legislation.

### Overview

The review of facility utilization and school/program consolidation will continue to be addressed on a sector- and inner-city community basis. The CBE has also been a strong proponent for reviewing the new utilization formula and was a contributing member of the Provincial committee which examined changes required to the new utilization formula. The recent initiative of the Alberta Commission on Learning, regarding class size, has added a new dimension to utilization rates that requires further discussions with the Province.

The following strategies will be pursued to improve the quality of the learning environment while increasing utilization rates:

- Prepare a Ten-Year Facility Plan identifying a role of each school over five-to-ten years.
- Undertake an annual review to identify schools that are highly under-utilized for consideration of school closure.
- Apply to the Provincial government to receive capacity exemptions.
- Improve access to Alternative Programs and Special Education Programs in each Area.
- Provide French Immersion (all grade levels) programs in each Area.
- Review the condition of portables/relocatables and request Provincial support for demolition/movements.
- Review and appeal, as required, the capacity ratings and formulas of the Provincial government for CBE schools.
- Right-size schools (e.g., removal of an entire wing of a school) to increase utilization and to provide a more effective learning environment.
- Address transportation services equity for alternative programs.

Below is a summary of accommodation planning for each Sector, which includes a description of utilization rate by enrolment as of December 2004, and the amount of leased space in the Sector.

### Sector 1:

- Sector 1 has a utilization rate of 84% for Kindergarten to Grade 9.
- A strategy to increase the utilization rate will be undertaken through area renewal plans, including potential school closures, community consolidation of educational programs and the investigation of new or expanded alternative programs for this Sector.
- A new elementary school in Tuscany (K-6) has been approved by the Provincial government and is scheduled to open in the September 2006-2007 school year.
- Space is needed for the growing demand of Alternative and Special Education Programs. The Juno Beach Academy was introduced at Sir William Van Horne in September 2003 and will expand to Grade 11 for September 2005. A new Hockey Program will be investigated for opening in September 2006, with Bowness High School a possible site.
- Approximately 585 square metres of space (8 classrooms) are leased on a full-time basis in this Sector.
- There are pressures for the construction of new schools in the new and developing communities such as a middle school for Tuscany.

### Sector 2:

- This Sector has a utilization rate of 89% for Kindergarten to Grade 9 and qualifies for new schools under the Provincial guidelines.
- There are enrolment pressures for the construction of new schools in the new and developing communities of Arbour Lake, The Hamptons, Rocky Ridge and Royal Oak.
- The new community of Sherwood, planned for 6,900 persons, started development in 2004.
- A new elementary school in Citadel (K-4) has been approved by the Provincial government and is scheduled to open in the September 2006-2007 school year.
- A new middle school has been approved for Grades 5-9 students residing in the Arbour Lake and Citadel communities. The site is located in Arbour Lake and the school is scheduled to open in the September 2006-2007 school year.
- Space is needed for the growing demand of Alternative and Special Education Programs. An elementary Traditional Learning Centre was established at Brentwood Elementary for the 2004-2005 school year and will expand to K-5 for September 2005.
- The need for second language programs will be examined during the 2005-2006 and 2006-2007 school years.
- A new Montessori program will be investigated to open for the 2006-2007 school year.
- The Senior High School Study has identified a need for a new high school to serve students in Sector 1. The high school site is located in Arbour Lake.
- Approximately 81 square metres of space (1 classroom) are leased on a full-time basis in this Sector.

### Sector 3:

- This Sector has a utilization rate of 70% for Kindergarten to Grade 9.
- There are no new and developing communities in Sector 3 and the Sector consists of inner-city and established communities.
- An arts program will be established at Sir John Franklin School and will open for junior high students in September 2005.
- Collingwood's Regular program is under consideration for closure June 30, 2005.

- The Branton junior high Regular program will be phased out over the 2005-2006 and 2006-2007 school years.
- A strategy to increase the utilization rate for this Sector will be undertaken through the Ten-Year Facility Plan, Area Renewal Plans, and, potential school consolidations/school closures.
- Alternative and Special Education Programs are offered in 50% of the schools in this Sector.
- The Science School Alternative Program at Langevin Elementary/Junior High commenced as a K-6 program for the 2004-2005 school year and will expand to Grade 7 for September 2005.
- Increased traffic on the McKnight Boulevard, inadequate parking, limited access and declining enrolments will have an impact on Greenview School, which currently offers Regular and French Immersion Programs.
- Approximately 1,702 square metres of space (18 classrooms) are leased on a full-time-basis and one surplus facility is fully leased in this Sector.

### Sector 4:

- This Sector has a utilization rate of 87% for Kindergarten to Grade 9 and qualifies for new school construction under Provincial guidelines.
- There are enrolment pressures for the construction of an elementary school in the new and developing community of Panorama Hills and a new middle school in Coventry Hills.
- The developing communities of Evanston and Kincora are under construction and are planned for approximately 26,000 persons.
- A core school addition to the modular school in Coventry Hills was approved by the Provincial government and is scheduled to open for K-3 in September 2005, expanding to K-4 in September 2006.
- The recently-opened Hidden Valley Elementary offers a French Immersion program which will expand to Grade 3 in September 2005.
- There is insufficient space available in Sector 4 to accommodate all the students from the new and developing communities; therefore, some students are accommodated in Sector 3 schools.
- The Senior High School Study has identified a need for a new high school to serve students of Sector 4. The high school site is located in Coventry Hills.
- There are no full-time leases in this Sector.

### Sector 5:

- This Sector has a utilization rate of 85% for Kindergarten to Grade 9 and qualifies for new schools under the Provincial guidelines.
- There are enrolment pressures for the construction of new elementary schools in the new and developing communities of Taradale and Saddle Ridge, as well as a middle school for Taradale.
- A junior high addition to Crossing Park School was approved by the Provincial government and is scheduled to open for September 2005.
- A strategy to increase the utilization rate will be undertaken through area renewal plans and potential school closures for this Sector. The focus will be on schools located south of 16 Avenue N.E.
- Space is needed for the growing demand of Alternative and Special Education Programs. GATE senior high has been designated to Forest Lawn Senior High.

Expansion of Alternative Programs in this Sector over the next few years will be considered when space becomes available.

- The French Immersion program at Lester B. Pearson will expand to Grade 12 for September 2005.
- The IB program at Lester B. Pearson will expand to Grade 11 for September 2005.
- The Piitoayis Family School (Grade K-7) is currently accommodated in the Valley View School and is open to students who want an Aboriginal-based education. A task force has been established to pursue options for a permanent location for the school.
- David D. Oughton and Albert Park are being considered for closure for June 30, 2005. A replacement school for Albert Park Elementary and David D. Oughton Elementary is currently in the design phase. Discussions are occurring with a partner to develop a new K-4 elementary school on a portion of the Sir Wilfrid Laurier Junior High school site. Sir Wilfrid Laurier Junior High would become a Grade 5-9 middle school.
- Approximately 142 square metres of space (2 classrooms) are leased on a full-time basis in this Sector.

### Sector 6:

- This Sector has a utilization rate of 73% for Kindergarten to Grade 9.
- A strategy to increase the utilization rate for this Sector will be undertaken through the Ten-Year Facility Plan, Area Renewal Plans, and potential school consolidations/school closures. Space utilization will be focused on schools east of Sarcee Trail. In the last five years, three schools and one program have closed in Sector 6: Clem Gardner Elementary, Glenmeadows Elementary, Spruce Cliff Elementary and the Plains Indians Cultural Survival School program.
- The Westgate Regular program is being considered for closure and a decision by June 30, 2005, is expected.
- The capacity of this Sector was further reduced by 12 classrooms due to the removal of the two south wings at Glenbrook Elementary.
- A new elementary school was approved for the Signal Hill community and is planned to open in the 2006-2007 school year. Although the existing modular school and the new core school will not be attached, they will operate as one school and accommodate Kindergarten to Grade 6 students.
- There are enrolment pressures for construction of an elementary school in the new and developing community of West Springs and Springbank Hill.
- Space is needed in Sector 6 for the accommodation of Alternative Programs and Special Education programs. The National Sport School relocated to Ernest Manning from William Aberhart in September 2003. The Dynastars Hockey & Life Skills program at Ernest Manning will expand to Grade 11 for September 2005.
- Growth of the existing Alternative Programs (French Immersion, Montessori) will increase the enrolment in this Sector; however, school closures are the main strategy for the Sector to reach 85%.
- Approximately 1,460 square metres of space (15 classrooms) are leased on a full-time basis in this Sector. In addition, five surplus facilities have been fully leased.
- Viscount Bennett School is located in Sector 6. Westmount Provincial Charter School will expand by three classrooms in September 2005 and up to seven more classrooms in subsequent years. Chinook Learning Services presently uses 32 classrooms for instruction in Viscount Bennett Centre.

### Sector 7:

- This Sector has a utilization rate of 62% for Kindergarten to Grade 9.
- There are no new and developing communities in Sector 7 and this Sector consists of inner-city and established communities.
- A strategy to increase the utilization rate for this Sector will be undertaken through the Ten-Year Facility Plan, Area Renewal Plans, and potential school consolidations/school closures.
- The Board of Trustees approved the closure of Knob Hill Elementary School, effective June 30, 2004.
- The relocation of the Learning Through the Arts Program at Milton Williams School, due to the planned expansion of Glenmore Trail reduced the capacity in Sector 7 by approximately 680 spaces. The Learning Through the Arts Program was relocated to Willow Park Elementary, effective September 2004.
- Four of the schools in this Sector are Sandstone and represent 30% of the 14 schools in Sector 7. Consideration is being given to a Sandstone Legacy Project that would elevate the prominence of the sandstone buildings and restore these historic structures.
- Connaught Community School and Teaching and Learning Centre has been established as an “ESL Centre of Excellence.” It is a transition centre for ESL students and will be a further centre for pre-service learning and in-service learning in ESL.
- Approximately 1,393 square metres of space (17 classrooms) are leased on a full-time basis in this Sector. In addition, two surplus facilities have been fully leased.
- Chinook Learning Services presently uses six classrooms in Lord Shaughnessy High School. Up to six more classrooms will be required in Lord Shaughnessy or in another school due to expansion at Westmount Charter School in Viscount Bennett Centre.

### Sector 8:

- This Sector has a utilization rate of 70% for Kindergarten to Grade 9.
- There are no new and developing communities in Sector 8 and many of the schools within Sector 8 are bus receivers for students residing in the new and developing communities located in Sector 9.
- A strategy to increase the utilization rate for this Sector will be undertaken through the Ten-Year Facility Plan, Area Renewal Plans, and potential school consolidations/school closures. In the last five years, four schools have closed in Sector 8: Alice M. Curtis Elementary, Fred Parker Elementary, Andrew Davison Elementary and Southwood Elementary.
- The introduction of new Alternative Programs will increase the enrolment in this Sector. Enrolment growth of the existing Alternative Programs and Special Education Programs (Gifted and Talented) will further increase the enrolment in this Sector.
- The Traditional Learning Centre was established at Le Roi Daniels for the 2003-2004 school year and will expand to a K-4 program for September 2005.
- Fairview Middle/Junior High School will accommodate Grade 5-6 for TLC for 2005. The program will continue to expand by a grade each year at Fairview Middle/Junior High School.
- The Montessori program was established at Lake Bonavista Elementary for the 2003-2004 school year and will expand to a K-3 program for September 2005.
- The National Sports Academy was established at Fairview Junior High for the 2003-2004 school year and will include another class for September 2005.
- A senior high French Immersion Centre was established at Dr. E.P. Scarlett for the 2004-2005 school year and will expand to Grade 11 for September 2005.
- Approximately 388 square metres of space (5 classrooms) are leased on a full-time basis in this Sector.

### Sector 9:

- This Sector has a utilization rate of 97% for Kindergarten to Grade 9.
- The Provincial government has approved three new schools for this Sector: McKenzie Lake Middle School, Douglasdale/glen Elementary core addition, and Chaparral Elementary. The Douglasdale/glen core addition to the modular school, McKenzie Lake Middle School and Chaparral Elementary are all scheduled to open in the September 2006-2007 school year.
- A French Immersion Centre was established at Sundance Elementary for Grades K-2 for the 2004-2005 school year and will expand to Grade 3 for September 2005.
- New school construction is a priority in this Sector as the utilization rate by residence continues to be extremely high (201%). There are enrolment pressures for construction of elementary schools in the new and developing communities of Bridlewood, Cranston, Evergreen and McKenzie Towne.
- The community of Silverado, south of Highway 22X and west of Macleod Trail, was approved by the City of Calgary for development and is planned for approximately 17,000 persons.
- The community of Auburn Bay, south of Highway 22x and east of Deerfoot Trail S.E., was approved for development and is planned for approximately 17,000 persons.
- A Towne Centre development south of Auburn Bay was approved for a major employment centre, hospital, recreation facilities, open space and a CBE senior high school site.
- There are no full-time leases in this Sector. School space is at a premium in this Sector and is used for education purposes.

## 2.7 Transportation Strategies

### Strategies for Supporting the Capital Plan

Approximately 35,000, or over one-third of the students enrolled in Calgary Board of Education schools are transported by charter bus, public transit, taxi or Handi-Bus to and from school each day. Many of these students take a bus to school because: there are no schools in the community they live in; they live beyond the walk limit as set out in the Calgary Board of Education administration regulations; or, they attend Alternative Programs supported by transportation.

Keeping the youngest students close to home and ensuring students have a safe and reasonably short bus ride to school is of paramount importance for the Calgary Board of Education, parents, students and the community. Using the sector-based approach to guide facility planning and the Area Plan for school program planning provides a means to achieve the schools in the right place over time. A conscious effort to provide a variety of program choices within Areas is being made. This should help to refine the bus schedules and routing for students who rely on Calgary Transit or ride charter buses to school.

Issues and strategies relating to student transportation that are being discussed and explored in support of this Capital Plan include:

#### Issue 1:

Improving efficiency of charter transportation service through coordinated class start and end times.

#### Strategy:

A pilot project is underway in Area III. A number of discussions within groups of feeder schools have taken place to determine how dual-utilization of bus routes can be maintained or increased without compromising school programming or professional learning time and address each community's unique and individual needs. As a result of these discussions, a number of possibilities will be explored further and a report outlining the process and results will be presented.

#### Issue 2:

Improving efficiency of charter transportation service through repatriation of students to schools within the Area that they reside.

#### Strategy:

Discussions with Area Directors and Student Accommodation Services have brought about a number of communities re-designated to schools that are closer to the students' residence, thus reducing travel times for students and maintaining the ability to dual-utilize buses.

#### Issue 3:

Trustees have raised the issue of how we respond to the very large volume of parent and school inquiries in the fall without additional resources. This issue has become increasingly challenging to the administration of transportation service as the amount of students who are transported to school continues to grow.

**Strategy:**

An updated phone system to redirect callers to various CBE administrators responsible for the service and provide recorded information is being considered.

**Issue 4:**

The City of Calgary is currently in the process of updating the GoPlan. Recommendations that are made as a result of their consultations with stakeholders could have a significant impact on the transportation service the CBE is able to provide to the students. Accessibility to public transportation, the timing of building connecting roads to the occupied houses in new and developing communities, and the upgrading of the existing roadways to handle increased volume, are some of the considerations that affect school transportation.

**Strategy:**

Participation in an interview with the City of Calgary to advise of the issues and challenges the CBE faces and how the decisions made by the City of Calgary impacts the learning objectives of CBE.

**Issue 5:**

The impact of building a replacement school on student transportation.

**Strategy:**

There is a tremendous opportunity not only to provide a modern learning facility for students, but to provide it in a more appropriate location within a community with good access for buses and cars. The replacement school proposed for the David D Oughton and Albert Park Schools will allow almost 100% of the students to walk to the new school and eliminate three bus routes. The Ten-Year Facility Plan, currently being prepared, will incorporate similar strategies for replacement.

## 2.8 Property and Leasing Strategies

The Calgary Board of Education continues to pursue leasing strategies pertaining to the management of surplus school space to support the Capital Plan, as well as administrative space for Area, Central Office and Chinook Learning Services. A key challenge to leasing and use of surplus school space is to develop a plan containing innovative solutions and new accommodation strategies that support Calgary Board of Education programming, vision and philosophy.

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:**

The Alberta Infrastructure policy on area, capacity and utilization provides capacity exemptions to school boards through school or facility “wing” closure, and through leasing of vacant school space, such as portions of schools. This policy encourages the Calgary Board of Education to increase the overall system utilization of school space in Sectors where new schools are required.

**Strategy:**

The strategic plan for leasing of vacant classroom space will identify Sectors and schools where leasing should be employed to increase Sector and school utilization rates through Provincially-approved capacity exemptions. The strategy of leasing to receive capacity exemption is considered a useful alternative to reduce the capacity of schools that are moderately under-utilized. The strategy of leasing to receive capacity exemption is not considered a pragmatic alternative for schools that are highly under-utilized. Schools that are highly under-utilized require a systematic review prior to leasing being considered as the solution to reduce the capacity of the school.

**Issue 2:**

The Calgary Board of Education receives capacity exemptions for vacant school space leased to Provincially-approved users. If the Province grants a capacity exemption, the vacant school for which CBE received funding will no longer be eligible for Provincial Plant Operation and Maintenance Funding.

**Strategy:**

The Calgary Board of Education receives benefit through capacity exemption, as the overall Sector and system utilization determines the Board's eligibility to receive funding for new schools. The loss of plant operation and maintenance funding will be offset through charge-back systems to tenants leasing vacant school space.

The Calgary Board of Education qualifies for capacity exemption for vacant school space leased to the public sector, non-profit groups, private schools, and charter schools.

**Issue 3:**

Leasing of school space should be "cost neutral" to the Calgary Board of Education unless approved by the Board of Trustees.

**Strategy:**

The Calgary Board of Education will perform, on an annual basis, an analysis of the cost of leasing to ensure full cost recovery for use of vacant school space.

The CBE supports leasing of school space to the public sector and non-profit groups whose programs support CBE programs and initiatives, and which are aligned with the Board's vision and philosophy. Public sector and non-profit groups, which fall into this category, would qualify to lease vacant school space at cost unless approved by Trustees.

The Board has been requested by the Province to lease surplus school space to charter schools. The Board has requested in return that the capacity exemption should be received and lease rents should be levied at fair market rates.

**Issue 4:**

System renewal involving alternative programs, and administrative space requirements are ongoing and need to be considered on a system basis through a suitable planning process.

**Strategy:**

The Calgary Board of Education 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, facility and amenities. An inventory of available space will be

created which best suits the request for space. Moderately and highly under-utilized schools are considered in the facility review since system renewal programs and administrative space is a means of increasing the utilization of a sector.

**Issue 5:**

The Calgary Board of Education needs to consider long-term plans for schools and school sites which may be surplus and subject to disposition.

**Strategy:**

The Calgary Board of Education, prior to recommending the disposition of any surplus school site, would determine the long-term need for the school site through a geographical analysis of the community and area. The Board will ensure that it is able to maintain a presence to serve all communities in the City of Calgary. The CBE is currently developing a Ten-Year Facility Plan. The plan will identify a role for each school that will examine the extent of modernization, renovations and maintenance. The plan will also identify leasing strategies for CBE space and the disposition of any surplus space.

The Calgary Board of Education's decision-making process with respect to disposition of properties deemed by Trustees as surplus, would be to consider the reserve and non-reserve status of the surplus school sites. Facilities on non-reserve sites will be considered for sale when no longer required for school authority purposes. Schools located on reserve land or on non-reserve sites received through special financial arrangements would be considered for lease prior to considering the school for disposition.

**Issue 6:**

The purchase and implementation of a Facility Management Information System (FMIS)

**Strategy:**

The Calgary Board of Education has a very large and diverse property portfolio with numerous facilities. An ongoing issue involves accessing and sharing of facility and enrolment information. The strategy will be to implement a web based Facility Management Information System (FMIS) that spans the life cycle of our facilities for asset management, from acquisition and operations to disposition. It is our plan to acquire a system that creates a common database that is accessible by various service groups through web service technology and allows customization to meet the needs of the user. The FMIS system will provide a database for tracking and reporting on student accommodation, facility management and operations and leasing.

## 2.9 Leasing Policy

The Board supports the leasing of surplus classrooms and facilities to external organizations whose activities and objectives are compatible with the vision, goals and objectives of the Calgary Board of Education.

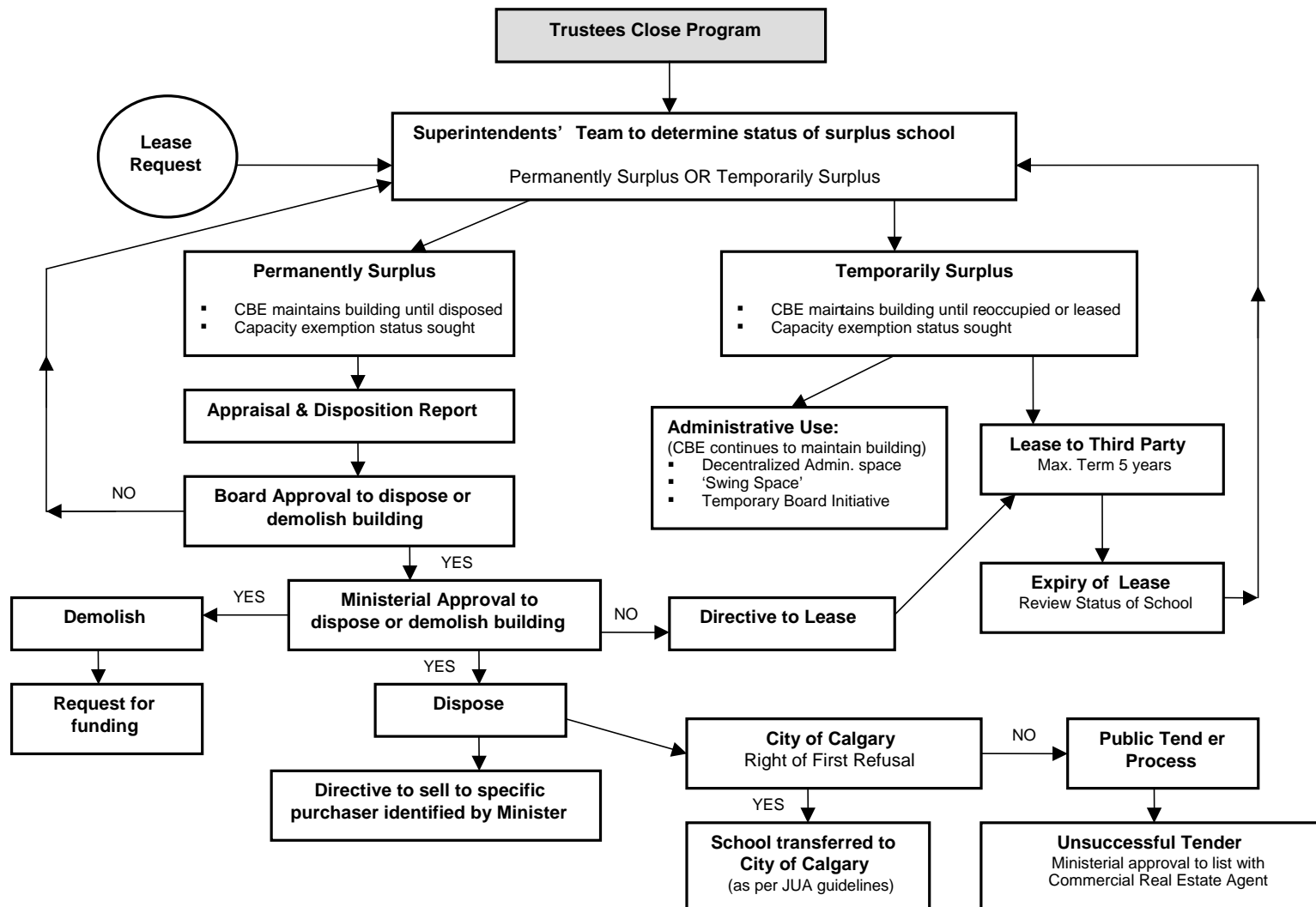
A challenge to the Calgary Board of Education is to ensure that policy not only reflects the vision, goals and objectives of the Board, but also is congruent to Provincial Government Policy and the City of Calgary by-laws and the Joint Use Agreement. Since the Board originally developed its leasing policy there have been changes to taxation powers, government jurisdictions and shifts in external influences such as economics and demographics.

The Calgary Board of Education will continue to monitor key changes within the School Infrastructure Manual to ensure compliance and to maximize benefits of Provincial capacity exemption and lease support.

A key strategy of the Board with respect to leasing policy is to review on an ongoing basis closed schools and identify the properties as either temporarily surplus or permanently surplus. This review process is being incorporated into leasing policy and will determine whether a property is reoccupied for other CBE purposes, leased or recommended for disposition. The following flowchart outlines the proposed policy process, which incorporates the School Act and Joint Use Agreement.

A key component of the Calgary Board of Education's leasing policy needs to incorporate the closed facility review process to ensure that the inventory of closed schools is kept to only those considered temporarily surplus or needed for alternative uses. It is important to permanently surplus facilities, which have outlived their usefulness to the Board to ensure no future resources are directed to these facilities.

## PROCESS TO DETERMINE STATUS OF CLOSED SCHOOLS



### 3.0 NEW SCHOOL CONSTRUCTION CAPITAL PLAN CRITERIA

The City of Calgary supports an actively competitive land market in all areas of the City. There are approximately 40 actively-developing communities in varying stages of development in Calgary. The large number of new and developing communities puts ongoing pressure on the Calgary Board of Education to meet expectations of residents for school construction projects in their community.

To address this challenge, the Calgary Board of Education has developed a standardized process to evaluate new school construction. The model and approach is designed to be transparent and impart equity and fairness for all communities.

#### 3.1 New School Construction Planning Criteria – Kindergarten to Grade 9 Schools

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

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

The following provides a summary of the two types of criteria:

##### Eligibility Criteria

###### Sector Utilization Rate

The sector-based approach is used to evaluate projects for capital priorities. Sectors that are eligible for further evaluation for capital projects must have utilization rates of 85% or greater by enrolment. Eligibility is determined by:

$$\text{Sector Utilization Rate} = \frac{\text{Enrolled Student Population in a Sector}}{\text{Provincial Capacity of Schools in a Sector}}$$

Calculations for utilization rates are based on the Provincial utilization formula. The student population is based on the number of FTE students enrolled, adjusted for special needs weighting factors. The school capacity is calculated by determining an “Area Per Student.” The Province provides a look up table for the “Area per Student” which is based on the gross square metres of the school. A gross capacity for the school is determined (gross square metres divided by the “Area per Student,”) and then adjusted for approved exemptions and a net capacity which is used to determine the utilization rate.

Based upon Sector utilization by enrolment, Sectors 2, 4, 5 and 9 qualify for further review for this School Capital Plan. See Appendix I for details of sector utilization rates by enrolment and by residence.

For the 2005-2008 School Capital Plan, the Province has advised the CBE that all outlying Sectors will be able to qualify; therefore, Sectors 1 and 6 will also be ranked for new school construction.

Sector	Utilization Rates (K-9) by Enrolment	Utilization Rates (K-9) by Residence
Sector 1	84%	74%
Sector 2	89%	122%
Sector 3	70%	31%
Sector 4	87%	126%
Sector 5	85%	95%
Sector 6	73%	74%
Sector 7	62%	65%
Sector 8	70%	51%
Sector 9	97%	201%

The Provincial capacity used in the utilization rate calculation includes capacities/enrolments as of September 2004.

### Accommodation Options

This criterion evaluates student accommodation options for eligible communities within a Sector and communities in adjacent Sectors. Eligibility is determined by assessing if there is space to accommodate students over the long term:

- First priority is to accommodate students from the community within the Sector;
- Second priority is for student accommodation in a nearby community. This may be a school in close proximity to the community but in an adjacent Sector.

### Continuity of the Accommodation Plan for the Sector

This criterion is used to ensure consistency with, and continuity of, the K-4 elementary feeder school system and middle school junior high vision for the Calgary Board of Education where circumstances permit. There is the need to follow through with the construction of new schools to complement accommodation plans and previous capital plans.

There should be a logical progression from a modular school to a core school in order to allow students to progress to higher grades. It will also be important that there is a new or modernized middle school available to accept graduates from recently completed K-4 schools. These criteria will act as a “filter in” of capital school projects to ensure continuity of the accommodation plan for the Sector where the need is critical.

### Community Eligibility

The eligibility criteria identified above are reviewed to determine developing communities to be ranked for new school construction projects. The eligible communities are evaluated in two separate categories: Elementary (Grades K-4) and Middle School (Grades 5-9).

### Ranking Criteria

For communities that meet the eligibility criterion, a ranking is applied based upon criteria identified in the Community Growth Profile and the Busing, Safety and Travel Time sections indicated below. It is important to note that the point assignment is a method for ranking communities for new school construction. Further accommodation planning criteria is used for recommending the ultimate locations such as a middle school serving several communities. In this latter case, factors such as site availability, grouping of communities and location will be considered.

#### Community Growth Profile

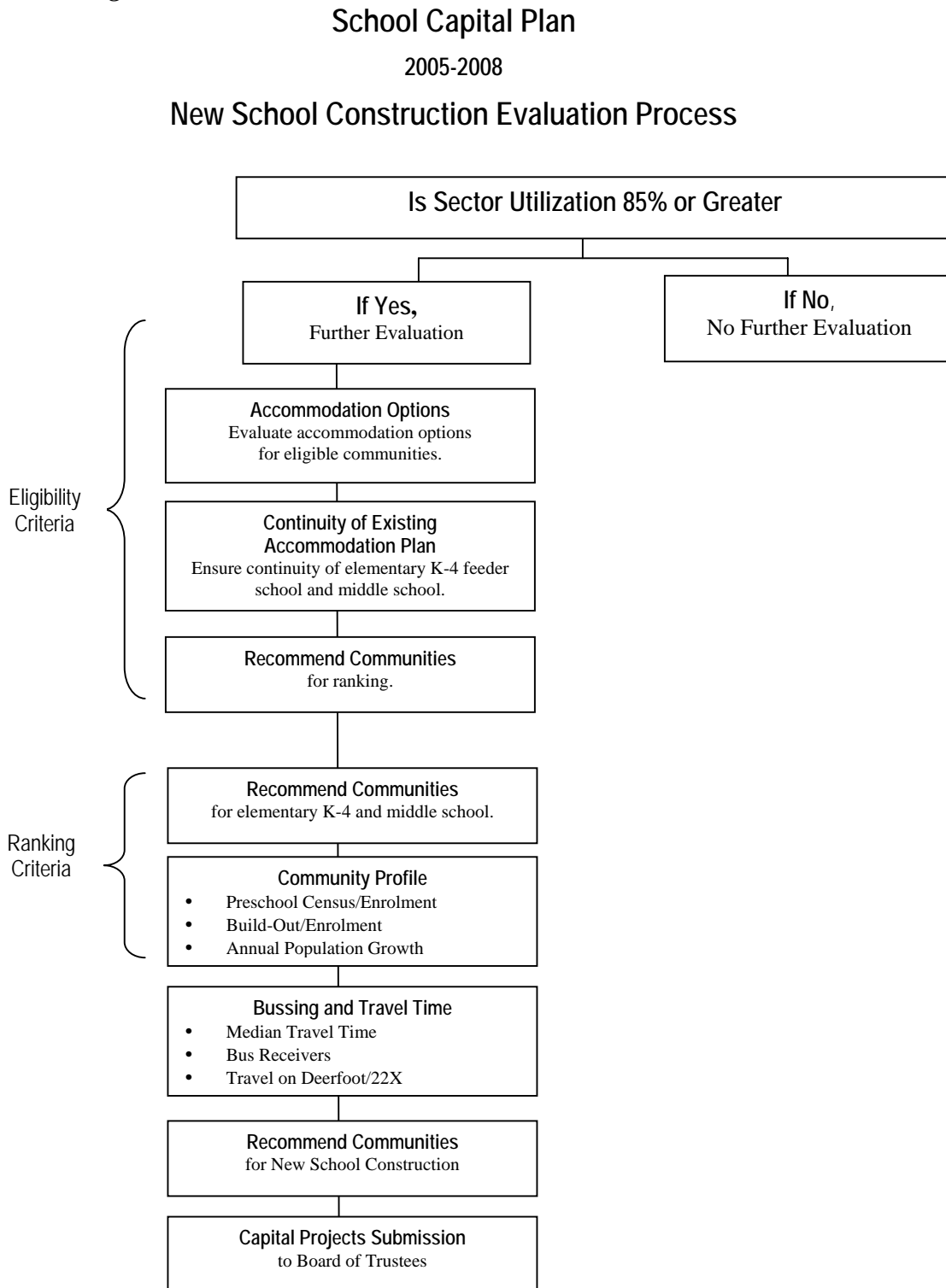
Point assignments occur based on the community growth factors. Based on this information, three categories have been developed for community ranking purposes which consist of preschool census/student enrolment, community build-out/student enrolment, and annual average population growth.

#### Busing, Safety and Travel Time

Point assignments occur for communities based on busing, safety and travel time assessment. Based on this information, three categories have been developed for ranking purposes and consist of 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:

**Figure 2**



**3.2 New School Construction Planning Criteria – Senior High Schools**

The sector-based approach is used to evaluate projects for capital priorities. Sectors are consolidated for analysis of senior high school accommodation into larger groupings in accordance with transit availability, travel time standards and the new Area structure of the CBE. Alberta Infrastructure requires a system utilization rate based on enrolment of 85% in a sector for school jurisdictions to be eligible for approval of capital funding requests.

Sector groupings align with the Area structure and utilization rates for the evaluation of new senior high school construction projects are listed below and depicted on **Map 4**:

Sector Utilization by Student Enrolment		
High School Sectors	Sector	Group Utilization Rate
Area I	Sector 1 Sector 2	92%
Area II	Sector 3 Sector 4	88%
Area III	Sector 5	76%
Area IV	Sector 6 Sector 7	76%
Area V	Sector 8 Sector 9	79%

Notes:

- Student enrolment as at September 30, 2004
- Capacity is at September 2004; includes Sir William Van Horne (Sector 1), Queen Elizabeth (Sector 3), Jack James (Sector 5), Melville Scott (Sector 6), Alternative (Sector 7), and Lord Shaughnessy(Sector 7)
- Capacity includes Centennial High School.

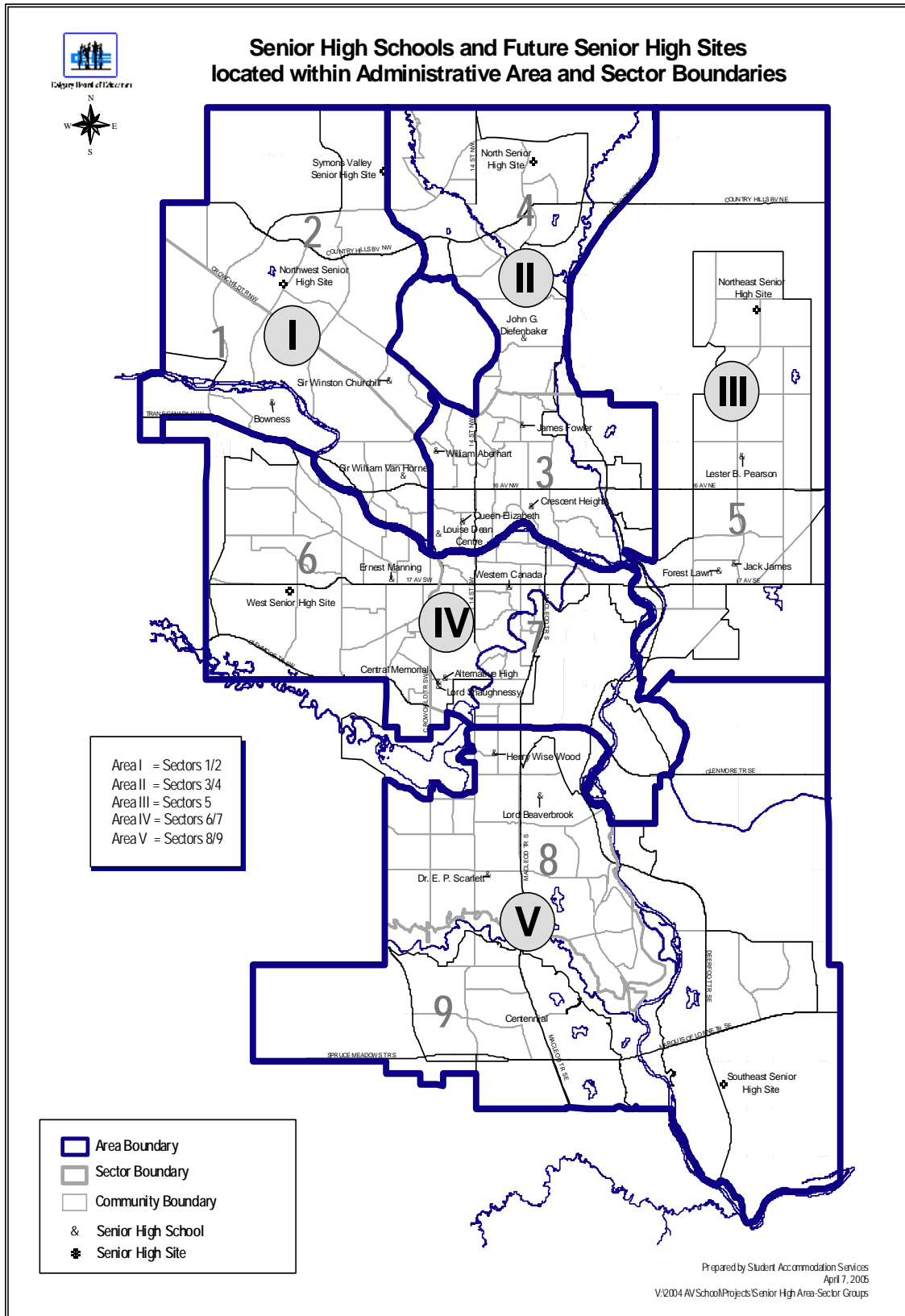
Sector groups that are eligible for further evaluation for capital projects have utilization rates of 85% or greater by enrolment. Eligibility is determined by:

$$\text{Sector Group Utilization Rate} = \frac{\text{Enrolled Student Population in a Sector Grouping}}{\text{Provincial Capacity of Schools in a Sector Grouping}}$$

The Calgary Board of Education has completed a Senior High School Study to evaluate short- and long-term accommodation planning needs. Centennial High School opened for Grade 10 students for the 2004-2005 school year. The new high school will address enrolment pressure in the far south.

The Senior High School Study identifies the greatest demand at this time, based on enrolment pressures, as senior high schools in the Northwest and North. The Northwest has the greatest pressure due to strong growth and only three high schools to serve Sectors 1 and 2. The North also has strong pressure in Sector 4; however, is served by one school in Sector 4 and four schools in Sector 3.

The CBE is in the process of relocating Chinook Learning Services from Viscount Bennett to a better facility in a central location. The move is further precipitated by the expansion of Westmount Charter School. Interim arrangements will be necessary until a new site is ready for Chinook over the next three-to-four years. The move will result in reduction of facility capacities for high schools totaling 1,750 student spaces, or approximately 350 student spaces per senior high school location.



### 3.3 New School Construction Ranking – Kindergarten to Grade 9

The Provincial government has yet to approve the capital projects from the *School Capital Plan: 2004-2007* submitted by the Calgary Board of Education, June 15, 2004. The list of top-ranked projects as ranked in the *School Capital Plan: 2004-2007*, approved by the Board of Trustees in June 2004, are:

- Shawnessy/Somerset Middle School
- McKenzie Towne Elementary
- Taradale Elementary
- Arbour Lake Elementary
- Bridlewood Elementary
- Northwest Senior High
- The Hamptons Elementary

The list of priority projects from the *School Capital Plan: 2004-2007* will continue to be Year 1 priorities in order to support the commitment made to these communities for new school construction. As well, the Province has requested that modernizations, replacement projects and special projects from the *School Capital Plan: 2004-2007* be ranked with new school construction. These include Western Canada Senior High, Piitoayis Family School and Bowness Senior High School. The top-ranked communities for this year are also included in Year 1 as part of new school construction priorities and consist of Panorama Hills Elementary, Coventry Hills Middle School and Tuscany Middle School. The Year 1 priorities are identified in Section 4 on Table 1.

The remaining Year 2 and Year 3 priorities have been selected from this year's community rankings for new school construction. The list includes communities from all outlying Sectors 1, 2, 4, 5, 6 and 9. Communities ranked for elementary schools must have a site available and/or have a student population large enough to sustain an elementary school as per the ranking criteria. The Year 2 and Year 3 priorities are identified in Section 4 on Table 2 and Table 3.

### 3.4 New School Construction – Senior High Schools

The Senior High School Study identified that the greatest demands, based on enrolment pressures, are in the Northwest (Area I) and North (Area II).

In terms of capital priorities for new senior high school construction, Area I and Area II are both in excess of the 85% utilization rate. In terms of overall ranking for a senior high school, Area I would have the greatest need due to an overall utilization rate, by enrolment, of 92%. In terms of where the students reside, the current utilization rate by residence for Area I is 121%. Students from Area I are also bussed to William Aberhart High School in Area II and William Aberhart has a utilization rate of 103% (September 2004). In terms of overall priorities, the Northwest Senior High would rank in the top ten priorities for the CBE and would be a Year 1 project. The North Senior High is less of a priority than the Northwest Senior High and would rank as a Year 2 project for the CBE.

### 4.0 SCHOOL CAPITAL PLAN – 2005-2008 - SUMMARY

Based on Alberta Infrastructure guidelines, Alberta school boards must review their needs for new space and substantiate their applications 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 are:

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

Sections 4.0 through 7.0 identify the School Capital Plan 2005-2008. Section 4.0 provides a summary of recommended new school construction, modernization and modernization/replacement projects.

Section 5.0 through 7.0 provides a year-by-year detail of the recommended new school construction, modernization projects and portable/relocatable projects.

Section 8.0 provides a list of recommended projects for new school construction that are not supported by the Provincial government and must find alternative funding sources.

The combined ranking of new school construction and modernization priorities that are required for Provincial funding in the 2005-2008 period are:

- |                                                              |                                            |
|--------------------------------------------------------------|--------------------------------------------|
| 1. Shawnessy/Somerset Middle                                 | 8. Piitoayis Family School                 |
| 2. McKenzie Towne Elementary                                 | 9. Panorama Hills Elementary               |
| 3. Taradale Elementary                                       | 10. Coventry Hills Middle                  |
| 4. Arbour Lake Elementary                                    | 11. Bowness Senior High<br>(modernization) |
| 5. Bridlewood Elementary                                     | 12. The Hamptons Elementary                |
| 6. Western Canada Senior High<br>(replacement/modernization) | 13. Tuscany Middle                         |
| 7. Northwest Senior High                                     |                                            |

A summary of the School Capital Plan 2005-2008 is provided on the following two pages. The sections that follow this summary (Sections 5.0-7.0) describe the community and school profiles in order of priority. The key maps in the top right corner of the page depict the location of the community described. The darkest shade represents the location of the community for which the profile has been prepared. The light shaded areas represent all the new and developing communities in Calgary.

The following Tables provide a summary of the new school construction projects recommended for funding over the next three years; **Map 5** illustrates Year 1 projects.

**Table 1: School Capital Plan 2005-2006 Priorities**

Year 1			
Priority Ranking - Project Description	Grade	Project Type	Cost
1. Shawnessy/Somerset Middle	Gr. 5-9	New Construction	\$12,000,000
2. McKenzie Towne Elementary	K-4	New Construction	\$7,100,000
3. Taradale Elementary	K-4	New Construction	\$6,400,000
4. Arbour Lake Elementary	K-4	New Construction	\$5,100,000
5. Bridlewood Elementary	K-6	New Construction	\$6,400,000
6. Western Canada Senior High	Gr. 10-12	Replacement/Modernization	\$29,600,000
7. Northwest Senior High	Gr. 10-12	New Construction	\$24,200,000
8. Piitoayis Family School	K-9	New Construction	\$13,000,000
9. Panorama Hills Elementary	K-4	New Construction	\$6,100,000
10. Coventry Hills Middle	Gr. 5-9	New Construction	\$12,000,000
11. Bowness Senior High	Gr. 10-12	School Modernization	\$15,000,000
12. The Hamptons Elementary	K-6	New Construction	\$4,800,000
13. Tuscany Middle	Gr. 5-9	New Construction	\$12,000,000
<b>Total</b>			<b>\$153,700,000</b>

Note: - All new construction projects are based upon 2001 Alberta Infrastructure support prices.

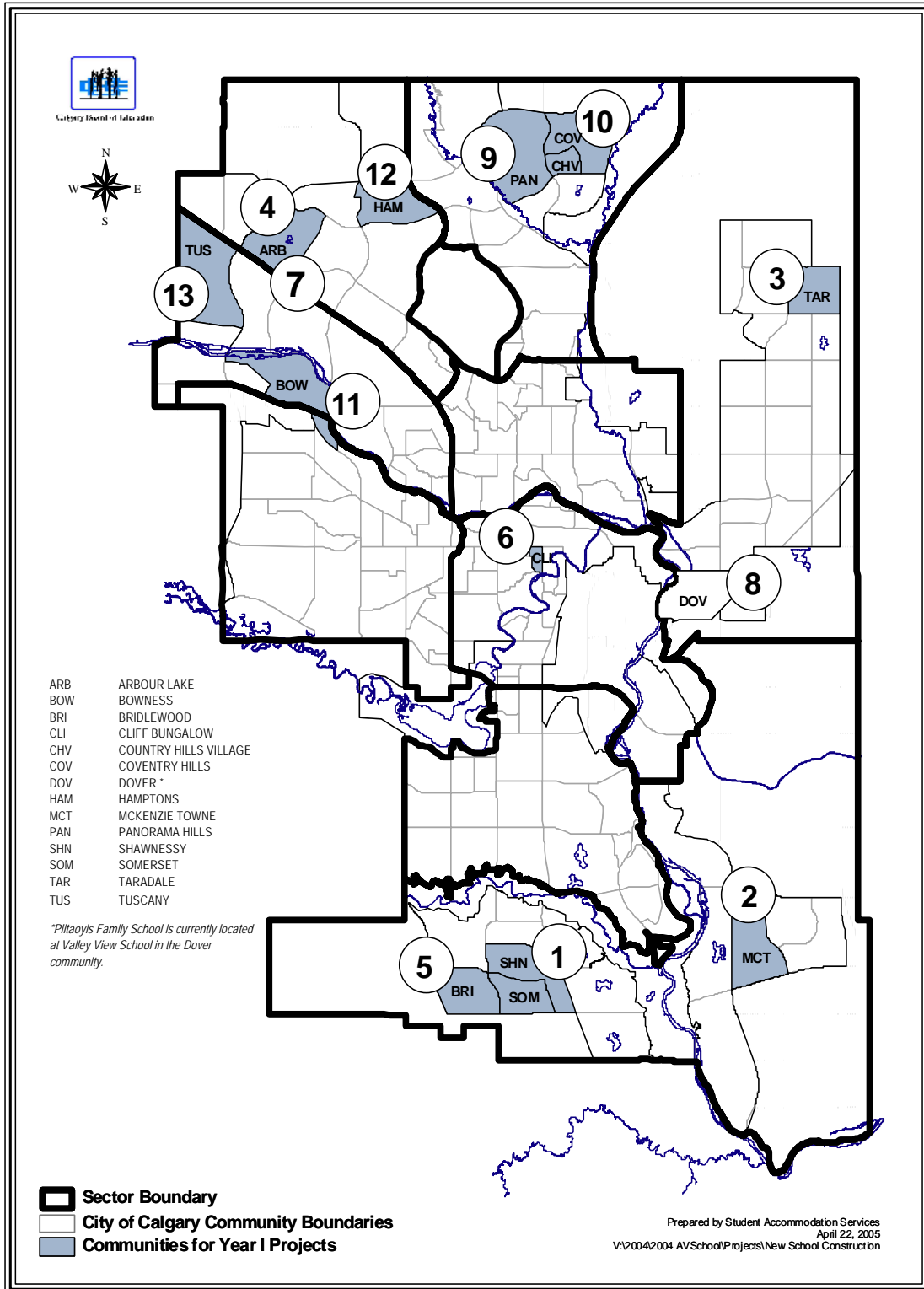
**Table 2: School Capital Plan 2006-2007 Priorities**

Year 2			
Priority Ranking - Project Description	Grade	Project Type	Cost
1. Taradale Middle	Gr. 5-9	New Construction	\$11,100,000
2. West Springs Elementary	K-4	New Construction	\$6,100,000
3. Saddle Ridge Elementary	K-4	New Construction	\$6,100,000
4. Cranston Elementary	K-4	New Construction	\$6,100,000
5. Evergreen Elementary	K-4	New Construction	\$6,100,000
6. Royal Oak Elementary	K-4	New Construction	\$6,100,000
7. 20 Portable/Replacements	N/A	Portables/Relocatables	\$2,400,000
8. 10 Portable/Relocatable Moves	N/A	Portables/Relocatables	\$360,000
9. Ian Bazalgette Modernization	Gr. 7-9	Modernization	\$3,400,000
10. Sherwood Modernization	Gr. 7-9	Modernization	\$6,700,000
11. North Senior High	Gr. 10-12	New Construction	\$24,200,000
<b>Total</b>			<b>\$78,660,000</b>

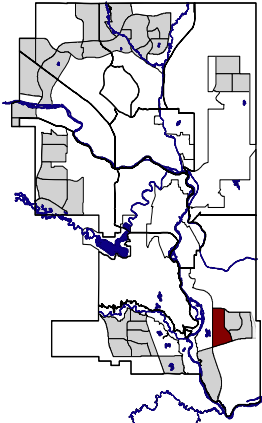
**Table 3: School Capital Plan 2007-2008 Priorities**

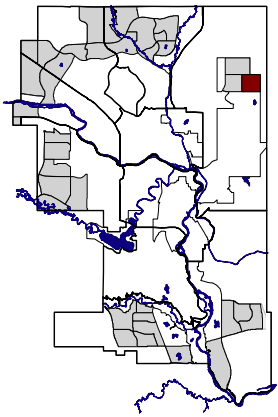
Year 3			
Priority Ranking - Project Description	Grade	Project Type	Cost
1. Rocky Ridge Elementary	K-4	New Construction	\$6,100,000
2. Springbank Hill Elementary	K-4	New Construction	\$6,100,000
3. Coventry Hills Elementary	K-4	New Construction	\$6,100,000
4. Martindale Elementary	K-4	New Construction	\$6,100,000
5. Panorama Hills Middle	Gr. 5-9	New Construction	\$11,100,000
6. McKenzie Towne Middle	Gr. 5-9	New Construction	\$11,100,000
7. 20 Portable/Replacements	N/A	Portables/Relocatables	\$2,400,000
8. 10 Portable/Relocatable Moves	N/A	Portables/Relocatables	\$360,000
<b>Total</b>			<b>\$49,360,000</b>

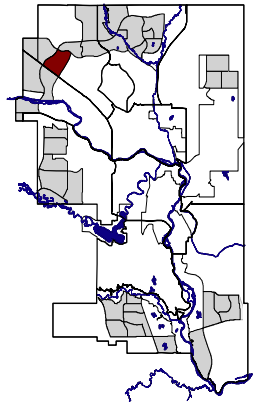
Major Capital Projects in  
New Construction and School Modernizations for Year 1  
2005-2006

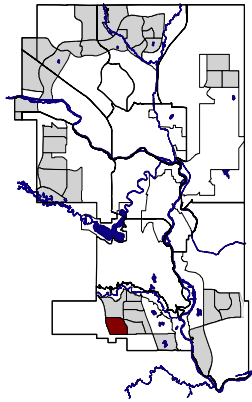


<b>5.0 SCHOOL CAPITAL PLAN 2005-2006 - YEAR 1</b>	
<b>Priority 1 - Shawnessy/Somerset Middle School (Sector 9)</b>	
<b>New Construction</b>	
<b>Community Profile</b>	
<ul style="list-style-type: none"> <li>• The <b>Shawnessy Community</b> is situated in the south, west of Macleod Trail South and south of Shawnessy Boulevard.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units in Shawnessy was 3,205 with a population of 9,553.</li> <li>• The Shawnessy community is planned for an estimated 3,250 housing units with a population capacity of 9,300 to 10,300. The Shawnessy community has had an average annual population growth of 269 persons during the past three-year period and has completed approximately 99% of its development.</li> <li>• The <b>Somerset Community</b> is situated south of the Shawnessy community and students will be accommodated in the proposed middle school. As of the April 2004 Census, the total number of occupied dwelling units in Somerset was 3,026 with a population of 8,158.</li> <li>• The Somerset community is planned for an estimated 2,870 housing units with a population capacity of 8,200 to 9,000. The Somerset community has had an average annual population growth of 762 persons during the past three-year period and the community is virtually complete.</li> </ul>	
<b>Enrolment Profile</b>	
<ul style="list-style-type: none"> <li>• As of September 30, 2004, there were 447 Kindergarten to Grade 4 students, and 501 Grades 5-9 students residing in the Shawnessy community that attended CBE schools.</li> <li>• As of September 30, 2004, there were 359 Kindergarten to Grade 4 students, and 261 Grades 5-9 students residing in the Somerset community that attended CBE schools.</li> </ul>	
<b>Accommodation and Transportation</b>	
<ul style="list-style-type: none"> <li>• There is one middle school site in Shawnessy located at 115 Shannon Drive S.W. that will accommodate both Shawnessy and Somerset communities. Somerset does not have a middle school site.</li> <li>• Shawnessy students are currently bussed to Robert Warren Junior High, which is located in the Canyon Meadows community in Sector 8. Median travel time to Robert Warren is 23 minutes.</li> <li>• Somerset students are currently bussed to Harold Panabaker Junior High, which is located in the Southwood community in Sector 8. Median travel time to Harold Panabaker is 27 minutes.</li> </ul>	
<b>Accommodation Planning</b>	
<ul style="list-style-type: none"> <li>• Construct a core middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The potential capacity of the school will be 900 student spaces.</li> </ul>	
<b>Recommendation</b>	
<ul style="list-style-type: none"> <li>• Construct a 500-student capacity, core middle school sized to support the relocatable expansion. The opening day capacity will be 900 student spaces.</li> <li>• The total project cost is budgeted at \$12,000,000, including the construction of the new relocatable units, funding for CTS space, and a CTS equipment allowance of \$200,000. These figures are based upon 2001 support prices.</li> </ul>	

Priority 2 – McKenzie Towne Elementary School (Sector 9)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• The McKenzie Towne Community began development in 1994 and is located north of Marquis of Lorne Trail between Deerfoot Trail and 52 Street S.E.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units was 2,120 with a population of 6,936.</li> <li>• The community is planned for an estimated 6,980 housing units with a population capacity of 19,900 to 21,900.</li> <li>• The community has had an average annual population growth of 1,297 persons during the past three-year period and has completed approximately 39% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of the April 2004 Census, there were 528 public pre-school-aged children.</li> <li>• As of September 30, 2004, there were 246 Kindergarten to Grade 4 students residing in the McKenzie Towne community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• There is one elementary site and one elementary/junior high site in McKenzie Towne.</li> <li>• Elementary students are currently bussed to Acadia Elementary (K-4) and David Thompson Middle School (Grade 5-9), which are both located in the Acadia community in Sector 8.</li> <li>• Median travel time to Acadia is 23 minutes.</li> <li>• Median travel time to David Thompson is 27 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a K-4 core elementary school for 450 students complete with space to support a relocatable addition of 200 students in 8 relocatables. The potential capacity of the school will be 650 students.</li> <li>• Students will continue to be accommodated at David Thompson Middle School for Grades 5-9 until a middle school is built in McKenzie Towne.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 450-student-capacity, K-4 core elementary school sized to support the relocatable expansion. The opening day capacity will be 450 students.</li> <li>• The total project cost is budgeted at \$7,100,000. These figures are based upon 2001 support prices.</li> </ul>	

Priority 3 – Taradale Elementary (Sector 5)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• The Taradale Community began development in 1984 and is located in the Northeast sector of the City, immediately east of Martindale, south of 80 Avenue N.E., and north of the community of Falconridge and Coral Springs.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units was 2,295 with a population of 5,850.</li> <li>• The community is planned for an estimated 4,350 housing units with a population capacity of 12,400 to 13,800.</li> <li>• The community has had an average annual population growth of 1,851 persons during the past three-year period and has completed approximately 53% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of the April 2004 Census, there were 640 public pre-school-aged children.</li> <li>• As of September 30, 2004, there were 382 Kindergarten to Grade 4 students residing in the Taradale community that attended CBE schools.</li> <li>• As of September 30, 2004, there were 463 Kindergarten to Grade 6 students residing in the Taradale community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• There is one elementary and one middle school site in Taradale.</li> <li>• Students are currently bussed to Chris Akkerman Elementary located in the Marlborough community in Sector 5.</li> <li>• Marlborough has been designated as the second bus receiver school for the Taradale community for students who cannot be accommodated at Chris Akkerman Elementary School.</li> <li>• Median travel time to Chris Akkerman is 21 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a core elementary school for 400 students complete with space to support a relocatable addition of 200 students in 8 relocatables. The potential capacity of the school will be 600 student spaces.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 400-student-capacity, K-6 core elementary school sized to support the relocatable expansion. Construct and attach four new relocatable units to be ready for the school’s opening. The opening day capacity will be 500 student spaces.</li> <li>• The total project cost is budgeted at \$6,400,000. These figures are based upon 2001 support prices.</li> </ul>	

Priority 4 – Arbour Lake Elementary (Sector 2)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• The Arbour Lake Community began development in 1991 and is situated in the northwest, north of Crowchild Trail and west of Nose Hill Drive.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units was 3,620 with a population of 10,312.</li> <li>• The community is planned for an estimated 4,140 housing units with a population capacity of 11,800 to 13,000.</li> <li>• The community has had an average annual population growth of 734 persons during the past three-year period and has completed approximately 87% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of the April 2004 Census, there were 465 public pre-school-aged children.</li> <li>• As of September 30, 2004, there were 341 Kindergarten to Grade 4 students residing in the Arbour Lake community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• There is one elementary site and a second site with two building envelopes for an elementary school and a middle school in Arbour Lake.</li> <li>• Elementary students are currently bussed to Dalhousie Elementary which is located in the Dalhousie community within Sector 2.</li> <li>• Median travel time to Dalhousie is 17 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a K-4 core elementary school for 250 students complete with additional space to support a relocatable addition of 200 students in 8 relocatables. The potential capacity of the school will be 450 students.</li> <li>• Elementary students in Arbour Lake will progress to a middle school in Arbour Lake and a letter was received May 4, 2004, confirming project approval, including size and budget.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 250-student-capacity, K-4 core elementary school sized to support the relocatable expansion. Construct and attach four new relocatable units to be ready for the school's opening. The opening day capacity will be 350 students.</li> <li>• The total project cost is budgeted at \$5,100,000. These figures are based upon 2001 support prices.</li> </ul>	

Priority 5 - Bridlewood Elementary (Sector 9)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• The Bridlewood Community is situated in the south, north of Spruce Meadows Trail South and approximately 3 kilometres west of Macleod Trail South.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units was 2,123 with a population of 6,179.</li> <li>• The community is planned for an estimated 4,230 housing units with a population capacity of 12,100 to 13,300.</li> <li>• The community has had an average annual population growth of 791 persons during the past three-year period and has completed approximately 50% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of the April 2004 Census, there were 473 public pre-school-aged children.</li> <li>• As of September 30, 2004, there were 218 Kindergarten to Grade 4 students residing in Bridlewood that attended CBE schools.</li> <li>• As of September 30, 2004, there were 275 Kindergarten to Grade 6 students residing in the Bridlewood community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• There is one elementary and one middle school site in Bridlewood.</li> <li>• Elementary students are currently bussed to Midnapore School, which is located in the Midnapore community in Sector 9. Median travel time to Midnapore is 15 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a core elementary school for 400 students complete with additional space to support a relocatable addition of 200 students in 8 relocatables. The potential capacity of the school will be 600 students.</li> <li>• The school will initially accommodate students in Grades K-6. Junior high students will be accommodated at Wilma Hansen Junior High until a middle school is built in Bridlewood. The elementary school would then accommodate Grades K-4 and relocatables would be removed to adjust capacity as necessary.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 400-student-capacity, K-6 core elementary school sized to support the relocatable expansion. Construct and attach four new relocatable units to be ready for the school's opening. The opening day capacity will be 500 student spaces.</li> <li>• The total project cost is budgeted at \$6,400,000. These figures are based upon 2001 support prices.</li> </ul>	

**Priority 6 – Western Canada Senior High (Sector 7)**

**Preservation/School Modernization**

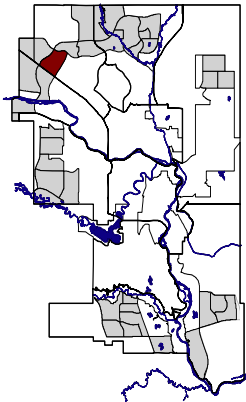
Western Canada is a senior high school located within Calgary’s beltline in the community of Cliff Bungalow. The school currently accommodates Grades 10-12 in Regular, French Immersion, and International Baccalaureate programs. Western Canada High School is the top achieving high school in Alberta and enrolment demand remains strong.

Students from central Calgary are accommodated in Western Canada, including the communities of Alyth/Bonnybrook, Bankview, Cliff Bungalow, Connaught, Elbow Park, Erlton, Inglewood, Mission, Mount Royal, Ogden, Ramsay, Rideau Park, Roxboro, Scarboro, Shaganappi, South Calgary, Sunalta, and Victoria Park. Western Canada is the French Immersion Centre for Area IV. The French Immersion Centre is being transitioned out of Central Memorial High

Due to the central location of Western Canada, the school is expected to continue to be viable over the long term, accommodating a Regular, French Immersion, and the International Baccalaureate programs. Capacity at Western Canada is 2,180 and the utilization rate is 94%.

Western Canada High School has received 960 points in the Provincial Audit and is identified as a long-term viable school for Sector 7. Enrolments are stable and are expected to remain high in the long term. The existing Western Canada facility is 23,969 sq.m. and houses 2,019 students.

In 2001, the Provincial government approved an expenditure of \$100,000 to “commence with the detailed planning, sketch plans and submit independent cost estimates for review by Alberta Infrastructure, to determine final scope of work and total project cost.” Following this study, Alberta Infrastructure requested that the CBE prepare a Business Case for this project. The Business Case (April 1, 2004) supports the replacement of the Western Canada High School building with a smaller building of 15,578 gross square metres. The result would be an 1,800 student capacity, which is a net reduction of 240 student spaces. This replacement school project requires a budget of \$29.6 million. This project is essentially a replacement school; however, some existing building elements are retained. These include drama, band and gymnasium areas. The business case was submitted to the Province June 2004.

Priority 7 – Northwest Senior High (Sector 2)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>The Northwest Senior High School is intended to serve approximately 70,000 residents west of Nose Hill Drive in Sectors 1 and 2. The northwest is one of the fastest growing areas in the City and is forecasted to increase by 13,300 to 16,200 people over the next five years.</li> <li>Currently the northwest area has three senior high schools with Bowness and Sir William Van Horne (IOP, Juno Beach Academy) in Sector 1, and Sir Winston Churchill in Sector 2. Some of the new and developing communities have difficulty accessing Calgary Transit routes to Bowness High School. A site has been dedicated in Arbour Lake for the new senior high school.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>Sector 1 has 2,199 students by enrolment and a net capacity of 2,491 student spaces. Sector 2 has 1,968 students by enrolment and 2,015 student spaces. The combined total for Sectors 1 and 2 is 4,167 students by enrolment and 4,506 student spaces for a utilization rate of 92%.</li> <li>Bowness and Sir William Van Horne (Sir William Van Horne is designed for Integrated Occupational Programming and also accommodates the Juno Beach Academy of Canadian Studies) are located in Sector 1 and Sir Winston Churchill is located in Sector 2.</li> <li>Bowness has an enrolment of 1,398 students and a net capacity of 1,525 student spaces for a utilization rate of 92%.</li> <li>Sir William Van Horne has an enrolment of 738 students and a net capacity of 965 student spaces for a utilization rate of 76%.</li> <li>Sir Winston Churchill and has an enrolment of 1,968 students and a net capacity of 2,015 student spaces for a utilization rate of 98%.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>The new and developing communities of Arbour Lake, Rocky Ridge, Royal Oak, Tuscany and Valley Ridge are designated to Bowness.</li> <li>The communities of Citadel, Ranchlands and The Hamptons are currently designated to William Aberhart, which is located in Sector 3. These communities should be accommodated in schools located in Sector 1 or Sector 2; however, there is not enough capacity in the Northwest to accommodate these communities.</li> <li>Continued strong enrolment growth in Sectors 1 and 2 continues to strengthen the need for a senior high school in the Arbour Lake community and the grouped Sector utilization rate is 92%.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>Construct a senior high school for 1,500, Grade 10-12 students on the Arbour Lake site.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>Construct 1,500-student-capacity, senior high school complete with seven 200 sq.m. CTS spaces.</li> <li>The total project cost is budgeted at \$24,200,000, including the CTS space and an allowance for CTS equipment in the amount of \$1,000,000. These figures are based upon 2001 support prices.</li> </ul>	

Priority 8 – Piitoayis Family School (Sector 5)

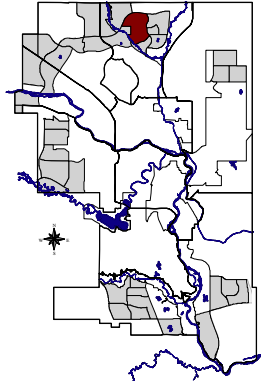
New Construction

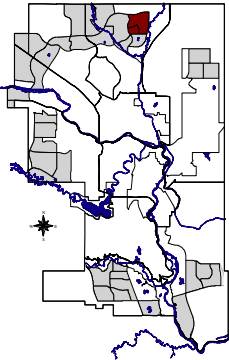
Piitoayis Family School is a unique program of education within the Calgary Board of Education and is open to any student across the city who is interested in an Aboriginal based education. The school is temporarily located within Valley View Elementary in Area III. The Piitoayis Family School currently accommodates Kindergarten to Grade 7 and will expand to Grade 8 for September 2005 and to Grade 9 for September 2006.

The Calgary Board of Education's goals to advance student learning, to meet changing student needs through program renewal and to nurture inner pride are clearly supported through the initiation of the Piitoayis Family School. Administrative Regulation 3,079, Aboriginal Education outlines the importance of improving the success rate of Aboriginal students and increasing the understanding and acceptance of Aboriginal cultures for all students. The Alberta Learning Commission specifically recommended that parents should 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.

Piitoayis Family School had 161 students (K-6) for the 2003-2004 school year and increased to 166 students (K-7) for the 2006-2007 school year. Projections for the 2005/2006 school year are for an enrolment of approximately 220 students (K-8). A parent survey was conducted on the satisfaction of the Piitoayis Family School. All parents were either satisfied or very satisfied with the program.

The Calgary Board of Education is committed to building a new facility for the Piitoayis Family School and is currently exploring alternatives for a long-term location. Project planning is currently being undertaken to develop a scope for the project, funding sources and a location. The expansion of Piitoayis Family School to include Grades 7 to 9 requires a facility that meets the academic requirements of an Alberta elementary/junior high school and provides for Aboriginal and community, cultural and historic programming. The Kindergarten to Grade 9 Aboriginal school would continue to provide the Alberta curriculum within the context of an Aboriginal cultural and historic perspective.

Priority 9 – Panorama Hills Elementary (Sector 4)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• Panorama Hills Community began development in 1996 and is situated north of Coventry Hills Boulevard and west of Harvest Hills Boulevard NW.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units in Panorama Hills was 2,132 with a population of 4,548.</li> <li>• The Panorama Hills community is planned for an estimated 8,020 housing units with a population capacity of 22,900 to 25,300.</li> <li>• The community had an average annual population growth of 1,516 persons during the past three-year period and has completed approximately 27% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of the April 2004 Census, there were 473 public preschool-aged children.</li> <li>• As of September 30, 2004, there were 262 Kindergarten to Grade 4 students residing in Panorama Hills that attended CBE Schools.</li> <li>• As of September 30, 2004, there were 354 Kindergarten to Grade 6 students residing in the Panorama Hills community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• There are three elementary sites and one middle school site in Panorama Hills.</li> <li>• Panorama Hills elementary students are currently bussed to Dr. J.K. Mulloy Elementary School, which is located in the Huntington Hills community in Sector 4.</li> <li>• Median travel time to Dr. J.K. Mulloy is 19 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a core elementary K-4 school for 350 students complete with space to support a relocatable addition for 200 students in 8 units. The potential capacity of the school will be 550 student spaces.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 350-student-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach four relocatable units to be ready for the school's opening. The opening day capacity will be 450 student spaces.</li> <li>• The total project cost is budgeted at \$6,100,000, including the construction of the new relocatable units. These figures are based upon 2001 support prices.</li> </ul>	

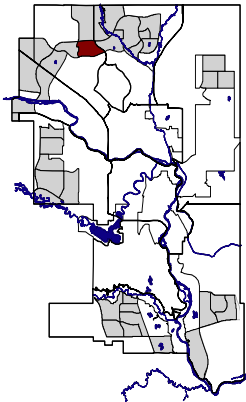
Priority 10 – Coventry Hills Middle School (Sector 4)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>Coventry Hills Community began development in 1990 and is situated in north Calgary, north of Country Hills Boulevard NW.</li> <li>As of the April 2004 Census, the total number of occupied dwelling units in Coventry Hills was 3,774 with a population of 10,371.</li> <li>The Coventry Hills community is planned for an estimated 7,180 housing units with a population capacity of 19,800 to 21,800.</li> <li>The community had an average annual population growth of 1,296 persons during the past three-year period and has completed approximately 53% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>As of September 30, 2004, there were 480 Kindergarten to Grade 4 students residing in Coventry Hills that attended CBE Schools.</li> <li>As of September 30, 2004, there were 323 Grades 5-9 students residing in the Coventry Hills community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>There are two elementary sites and one senior high site located in Coventry Hills. The middle/junior high school site is located in Country Hills Village.</li> <li>Coventry Hills students are currently bussed to Colonel Macleod School (Grades 3-9), which is located in the Renfrew community in Sector 8.</li> <li>Median travel time to Colonel Macleod is 33 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>Construct a core middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The potential capacity of the school will be 900 student spaces.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>Construct a 500-student-capacity, core middle school, sized to support the relocatable expansion. Construct and attach sixteen relocatable units to be ready for the school's opening. The opening day capacity will be 900 student spaces.</li> <li>The total project cost is budgeted at \$12,000,000, including the construction of the new relocatable units, funding for CTS space, and a CTS equipment allowance. These figures are based upon 2001 support prices.</li> </ul>	

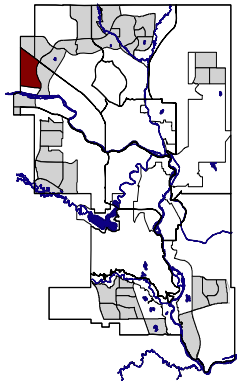
Priority 11 – Bowness High School (Sector 1)

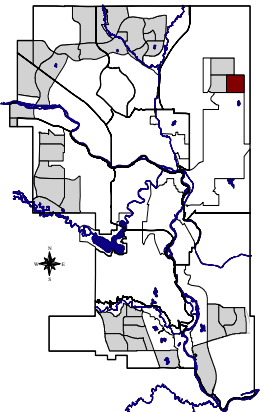
School Modernization

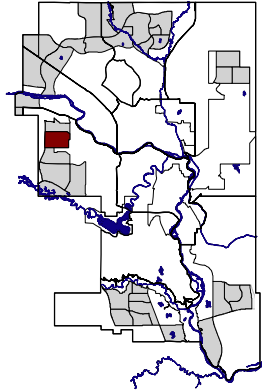
Bowness is a senior high school located in the Bowness community. Capacity of Bowness is 1,525 and the utilization rate is 92%. The school currently accommodates Grades 10-12 students from Bowness, Greenwood/Greenbriar, Montgomery and bussed students from Silver Springs, Scenic Acres, Tuscany, Arbour Lake, Rocky Ridge, Royal Oak, and Valley Ridge. Tuscany, Arbour Lake, Rocky Ridge, Royal Oak and Valley Ridge are growing communities. Potential population and student generation from the new and developing communities may not be able to be accommodated in Bowness High School over the long term. A senior high school is planned in Arbour Lake. Many students from the new and developing communities currently designated to Bowness will be redirected to the new high school.

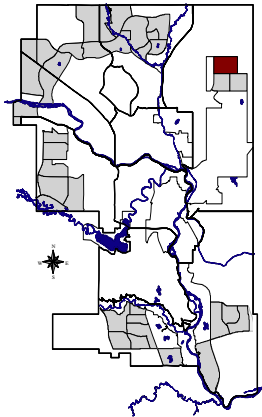
This facility received 940 points in the Provincial Audit and is identified as a long-term viable school for Sector 1. Enrolments have been increasing and are expected to continue to increase until a new high school is built in the northwest. The project identified will remove the original wood frame building structure and fully modernize the remaining building infrastructure to meet current educational specifications. The modernized facility will be designed for a capacity of approximately 1,500 student spaces and 16,580 square metres. The total project cost is budgeted at \$15,000,000 including a CTS equipment allowance.

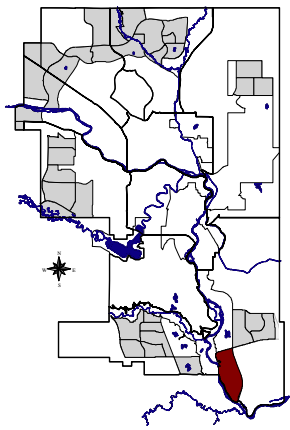
Priority 12 – The Hamptons Elementary (Sector 2)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• The Hamptons Community began development in 1990 and is located in the north, north of Country Hills Boulevard and west of Shaganappi Trail NW.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units was 2,337 with a population of 7,906.</li> <li>• The community is planned for an estimated 2,460 housing units with a population capacity of 7,800 to 8,600.</li> <li>• The community had an average annual population growth of 453 persons during the past three-year period and has completed approximately 95% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of the April 2004 Census, there were 329 public preschool-aged children.</li> <li>• As of September 30, 2004, there were 417 Kindergarten to Grade 4 students residing in The Hamptons that attended CBE Schools.</li> <li>• As of September 30, 2004, there were 566 Kindergarten to Grade 6 students residing in The Hamptons community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• Due to an innovative project between the Calgary Board of Education and Tirion Properties Ltd., a small school with a capacity of 150 student spaces opened in The Hamptons in September 1999 for Kindergarten to Grade 3 students. The school is comprised of 6 classrooms and expanded with 4 portables for a current Provincial capacity of 209 student spaces.</li> <li>• Elementary students in Grades 4-6 are currently bussed to North Haven, which is located in the North Haven community in Sector 4.</li> <li>• Median travel time to North Haven is 28 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a 150-student-capacity addition to the existing school. The addition will provide spaces such as the library, gymnasium and staff and administrative areas. Renovate existing school to provide for 10 classrooms. Provide for expansion potential of 100 students in 4 relocatables. The potential capacity of the school will accommodate 500 student spaces and will accommodate Kindergarten to Grade 6.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 150-student-capacity addition to the existing core elementary school, complete with 4 new relocatables for 100 students. Renovate the existing school to increase its capacity by 250 student spaces and become a K-6 core elementary school. The opening day capacity will be 500 student spaces.</li> <li>• The total project cost is budgeted at \$4,800,000. These figures are based upon 2001 support prices.</li> </ul>	

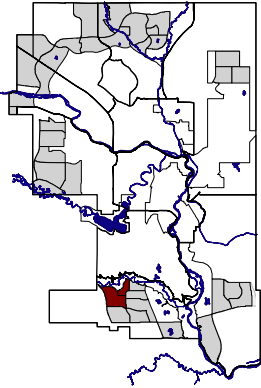
Priority 13 – Tuscany Middle School (Sector 1)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• Tuscany Community began development in 1995 and is situated in northwest Calgary, south of Crowchild Trail and west of Stoney Trail NW.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units in Tuscany was 4,252 with a population of 10,329.</li> <li>• The Tuscany community is planned for an estimated 6,710 housing units with a population capacity of 19,100 to 21,100.</li> <li>• The community had an average annual population growth of 1,679 persons during the past three-year period and has completed approximately 63% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of September 30, 2004, there were 514 Kindergarten to Grade 4 students residing in Tuscany that attended CBE Schools.</li> <li>• As of September 30, 2004, there were 334 Grades 5-9 students residing in the Tuscany community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• There are two elementary sites and one middle school site in Tuscany.</li> <li>• Tuscany students are currently bussed to Montgomery Junior High School, which is located in the Montgomery community in Sector 1.</li> <li>• Median travel time to Montgomery is 26 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a core middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The potential capacity of the school will be 900 student spaces.</li> </ul>	
Recommendations	
<ul style="list-style-type: none"> <li>• Construct a 500-student-capacity, core middle school, sized to support the relocatable expansion. Construct and attach sixteen relocatable units to be ready for the school's opening. The opening day capacity will be 900 student spaces.</li> <li>• The total project cost is budgeted at \$12,000,000, including the construction of the new relocatable units, funding for CTS space, and a CTS equipment allowance. These figures are based upon 2001 support prices.</li> </ul>	

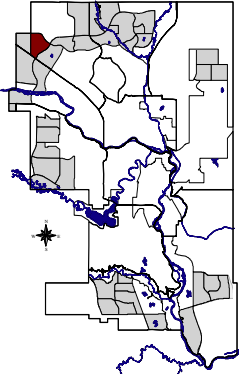
<b>6.0 SCHOOL CAPITAL PLAN 2006-2007 - YEAR 2</b>	
<b>Priority 1 – Taradale Middle School (Sector 5)</b>	
<b>New Construction</b>	
<b>Community Profile</b>	
<ul style="list-style-type: none"> <li>• Taradale Community began development in 1989 and is located in the northeast sector of the City, immediately east of the Martindale community, south of 80 Avenue NE and north of the communities of Falconridge and Coral Springs.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units in Taradale was 2,295 with a population of 7,951.</li> <li>• The Taradale community is planned for an estimated 4,350 housing units with a population capacity of 12,400 to 13,800.</li> <li>• The community had an average annual population growth of 1,851 persons during the past three-year period and has completed approximately 53% of its development.</li> </ul>	
<b>Enrolment Profile</b>	
<ul style="list-style-type: none"> <li>• As of September 2004, there were 382 Kindergarten to Grade 4 students residing in the Taradale community that attended CBE schools.</li> <li>• As of September 30, 2004, there were 294 Grades 5-9 students residing in Taradale that attended CBE Schools.</li> </ul>	
<b>Accommodation and Transportation</b>	
<ul style="list-style-type: none"> <li>• There is one elementary site and one middle school site in Taradale.</li> <li>• Taradale students are currently accommodated in Terry Fox Junior High located in the Falconridge community and Sir Wilfrid Laurier Junior High, which is located in the Albert Park/Radisson Heights community in Sector 5.</li> <li>• Median travel time to Sir Wilfrid Laurier is 26 minutes.</li> </ul>	
<b>Accommodation Planning</b>	
<ul style="list-style-type: none"> <li>• Construct a middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The potential capacity of the school will be 900 student spaces.</li> </ul>	
<b>Recommendation</b>	
<ul style="list-style-type: none"> <li>• Construct a 500-student-capacity, core middle school, sized to support the relocatable expansion. Construct and attach eight relocatable units to be ready for the school’s opening. The opening day capacity will be 700 student spaces.</li> <li>• The total project cost is budgeted at \$11,100,000, including the construction of the new relocatable units, funding for CTS space, and a CTS equipment allowance. These figures are based upon 2001 support prices.</li> </ul>	

Priority 2 – West Springs Elementary (Sector 6)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• West Springs Community began development in 1999 and is located in the west sector of the City, immediately west of the Coach Hill Community and north of Bow Trail.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units in West Springs was 1,369 with a population of 3,128.</li> <li>• The West Springs community is planned for an estimated 4,550 housing units with a population capacity of 13,000 to 14,400.</li> <li>• The community had an average annual population growth of 1,043 persons during the past three-year period and has completed approximately 30% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of September 2004, there were 216 public pre-school-aged children.</li> <li>• As of September 30, 2004, there were 134 Kindergarten to Grade 4 students residing in West Springs that attended CBE Schools.</li> <li>• As of September 30, 2004, there were 170 Kindergarten to Grade 6 students residing in West Springs that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• There is one elementary/junior site in West Springs.</li> <li>• West Springs students are currently accommodated in Wildwood located in the Wildwood community in Sector 6.</li> <li>• Median travel time to Wildwood is 26 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a core elementary (K-4) school for 350 students complete with space to support a relocatable addition for 200 students in 8 units. The potential capacity of the school will be 550 student spaces.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 350-student-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach four relocatable units to be ready for the school's opening. The opening day capacity will be 450 student spaces.</li> <li>• The total project cost is budgeted at \$6,100,000, including the construction of the new relocatable units. These figures are based upon 2001 support prices.</li> </ul>	

Priority 3 – Saddle Ridge Elementary (Sector 5)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• Saddle Ridge Community is situated in the northeast sector of the City immediately west of 68 Street NE and north of the community of the Martindale community.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units in Saddle Ridge was 1,274 with a population of 4,136.</li> <li>• The Saddle Ridge community is planned for an estimated 5,730 housing units with a population capacity of 16,300 to 18,100.</li> <li>• The community had an average annual population growth of 1,039 persons during the past three-year period and has completed approximately 22% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of the April 2004 Census, there were 339 public preschool-aged children.</li> <li>• As of September 30, 2004, there were 158 Kindergarten to Grade 4 students residing in Saddle Ridge that attended CBE Schools.</li> <li>• As of September 30, 2004, there were 207 Kindergarten to Grade 6 students residing in the Saddle Ridge community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• There is one elementary site and two middle school sites in Saddle Ridge.</li> <li>• Saddle Ridge elementary students are currently bussed to Marlborough Elementary School, which is located in the Marlborough community in Sector 5.</li> <li>• Median travel time to Marlborough is 26 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a core elementary K-4 school for 350 students complete with space to support a relocatable addition for 200 students in 8 units. The potential capacity of the school will be 550 student spaces.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 350-student capacity, K-4 core school sized to support the relocatable expansion. Construct and attach four relocatable units to be ready for the school's opening. The opening day capacity will be 450 student spaces.</li> <li>• The total project cost is budgeted at \$6,100,000, including the construction of the new relocatable units. These figures are based upon 2001 support prices.</li> </ul>	

Priority 4 – Cranston Elementary (Sector 9)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• Cranston Community began development in 1999 and is located south of Marquis of Lorne Trail SE and west of Deerfoot Trail SE.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units in Cranston was 970 with a population of 2,692.</li> <li>• The Cranston community is planned for an estimated 7,460 housing units with a population capacity of 21,300 to 23,500.</li> <li>• The community had an average annual population growth of 768 persons during the past three-year period and has completed approximately 13% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of the April 2004 Census, there were 220 public preschool-aged children.</li> <li>• As of September 30, 2004, there were 102 Kindergarten to Grade 4 students residing in Cranston that attended CBE Schools.</li> <li>• As of September 30, 2004, there were 122 Kindergarten to Grade 6 students residing in the Cranston community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• There are two elementary sites, one elementary swing site (CBE or CSSB) and one middle school site in Cranston.</li> <li>• Cranston elementary students are currently bussed to Le Roi Daniels Elementary School, which is located in the Fairview community in Sector 8.</li> <li>• Median travel time to Le Roi Daniels is 34 minutes.</li> <li>• Cranston elementary students will be designated to Andrew Sibbald Elementary, which is located in the Lake Bonavista community in Sector 8, effective September 2005.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a core elementary K-4 school for 350 students complete with space to support a relocatable addition for 200 students in 8 units. The potential capacity of the school will be 550 student spaces.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 350-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach four relocatable units to be ready for the school's opening. The opening day capacity will be 450 student spaces.</li> <li>• The total project cost is budgeted at \$6,100,000, including the construction of the new relocatable units. These figures are based upon 2001 support prices.</li> </ul>	

Priority 5 – Evergreen Elementary (Sector 9)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• Evergreen/Evergreen Estates Community is situated approximately 3 kilometres west of Macleod Trail South between 146 Avenue SW and 162 Avenue SW.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units was 1,758 with a population of 5,252.</li> <li>• The community is planned for an estimated 7,760 housing units with a population capacity of 22,100 to 24,500.</li> <li>• The community had an average annual population growth of 956 persons during the past three-year period and has completed approximately 23% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of the April 2004 Census, there were 254 public preschool-aged children.</li> <li>• As of September 30, 2004, there were 148 Kindergarten to Grade 4 students residing in Evergreen/Evergreen Estates that attended CBE Schools.</li> <li>• As of September 30, 2004, there were 206 Kindergarten to Grade 6 students residing in the Evergreen/Evergreen Estates community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• There is one elementary site and one middle school site in Evergreen/Evergreen Estates.</li> <li>• Evergreen/Evergreen Estates elementary students are currently bussed to Eugene Coste Elementary School, which is located in the Haysboro community in Sector 9.</li> <li>• Median travel time to Eugene Coste is 27 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a core elementary K-4 school for 350 students complete with space to support a relocatable addition for 200 students in 8 units. The potential capacity of the school will be 550 student spaces.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 350-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach four relocatable units to be ready for the school's opening. The opening day capacity will be 450 student spaces.</li> <li>• The total project cost is budgeted at \$6,100,000, including the construction of the new relocatable units. These figures are based upon 2001 support prices.</li> </ul>	

Priority 6 – Royal Oak Elementary (Sector 2)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• Royal Oak Community began development in 1985 and is situated in the northwest, north of Crowchild Trail NW and west of Stoney Trail NW.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units was 1,385 with a population of 3,999.</li> <li>• The community is planned for an estimated 3,990 housing units with a population capacity of 11,400 to 12,600.</li> <li>• The community had an average annual population growth of 1,095 persons during the past three-year period and has completed approximately 20% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of the April 2004 Census, there were 309 public preschool-aged children.</li> <li>• As of September 30, 2004, there were 159 Kindergarten to Grade 4 students residing in Royal Oak that attended CBE Schools.</li> <li>• As of September 30, 2004, there were 207 Kindergarten to Grade 6 students residing in the Royal Oak community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• There is one elementary site and one middle school site in Royal Oak.</li> <li>• Royal Oak elementary students are currently bussed to Belvedere-Parkway Elementary School, which is located in the Bowness community in Sector 1.</li> <li>• Median travel time to Belvedere-Parkway is 18 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a core elementary K-4 school for 350 students complete with space to support a relocatable addition for 200 students in 8 units. The potential capacity of the school will be 550 student spaces.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 350-student-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach four relocatable units to be ready for the school's opening. The opening day capacity will be 450 student spaces.</li> <li>• The total project cost is budgeted at \$6,100,000, including the construction of the new relocatable units. These figures are based upon 2001 support prices.</li> </ul>	

**Priority 7 – 20 Portable/Relocatable Demolitions/Replacements**

**Expansion – Portables/Relocatables**

Approximately 41%, or 209 of the 507 units in the Calgary Board of Education’s inventory, were constructed over 25 years ago and have exceeded their design life expectancy. In addition, over 90% of the total units were constructed prior to 1997 and do not conform to the current 1997 edition of the Alberta Building Code. As a result, many units require significant upgrades and/or reconstruction when relocated that would cost more than 75% of the unit replacement value. Some units have fungal contamination and this concern has resulted in a replacement strategy using fungal resistant methods. Therefore, the CBE has requested a budget of \$2.4 million to construct 20 new units. The CBE has applied to the Province to demolish an equal number of units in accordance with Alberta Infrastructure guidelines. This figure is based on 2001 support prices.

**Priority 8 – 10 Portable/Relocatable Moves**

**Expansion – Portables/Relocatables**

**Growth Needs for Existing Schools**

In order to respond to the space needs associated with enrolment growth and corresponding shifts in student population, the estimated cost of \$360,000 represents the cost of moving 10 portables/relocatables for the 2006-2007 school year. This figure is based on 2001 support prices.

This budget is based solely on the funding identified as available by Alberta Infrastructure administration and has historically required Provincial funding to be supplemented by Infrastructure Maintenance Program (IMP) in order to meet the Alberta Building Code upgrade requirements of authorities having jurisdiction.

Priority 9 – Ian Bazalgette (Sector 5)

School Modernization

Ian Bazalgette is a junior high school located in the Dover community. The school currently accommodates Grades 7-9 from Dover, part of Forest Lawn and Southview. Junior high students from Erin Woods are currently bussed to Langevin School, which is located in the Bridgeland community. Erin Woods students were designated to Ian Bazalgette, effective 2004, and a transition is occurring with Erin Wood's Grade 7 and 8 students to be accommodated at Ian Bazalgette for September 2005.

This facility received 830 points in the Provincial Audit and is identified as a long-term viable school for Sector 5. Enrolments are stable and are expected to remain high in the long term.

The existing building was constructed in 1960 and added to in 1978. The facility is 7,509 sq.m. and has a Provincial capacity of 662 students. The overall project is comprised of two phases of work. This project is of high priority to the Calgary Board of Education, therefore, the first phase has been undertaken under the 2001-2002 Block Modernization Grant.

The next phase of work includes renovation of gym, change rooms, counselling area including exterior envelope, as well as a new kitchen and new mechanical and electrical systems. Further, it includes the renovation of the Library and demolition of a portion of the existing CTS spaces and construction of new CTS and Ancillary Spaces, as well as Mechanical and Electrical upgrades. The total project cost for this phase of work is estimated to be \$3.4 million including CTS equipment allowance and allowances for project phasing in an occupied building. The resulting building area would be approximately 6,900 square metres. Upon completion of all phases of work, Ian Bazalgette Junior High will be a fully modernized facility that would serve the community well into the future.

Priority 10 – Sherwood Community School Modernization (Sector 7)

School Modernization

Sherwood Community School is located in the Ogden community. The school currently accommodates Grade 5-9 from the community of Ogden. The Provincial capacity of the school is 1,001 student spaces; however, the actual number of students the school can accommodate is about two-thirds of the Provincial capacity. The long-term plan for the school is to continue to be a middle school and accommodate Grades 5-9 from the Ogden community and Grades 7-9 from the Riverbend community. Riverbend students will be designated to Sherwood, effective September 2005 for junior high (Grades 7-9).

This facility received 580 points in the Provincial Audit, however, from an educational program perspective, significant renovation and reconfiguration is required. Sherwood Community School was identified as a long-term viable school for Sector 7. Enrolments are stable and are expected to remain high in the long term.

The original building was constructed in 1956 and added to in 1958, 1965 and 1980. The facility is 8,205 sq.m. and has a Provincial capacity of 1,000 students. This type of expansion has led to an inefficient spatial layout.

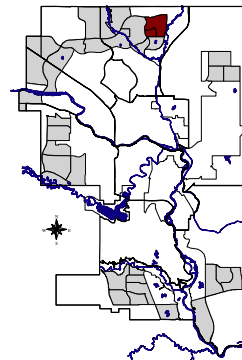
The project proposed will fully modernize the facility and enhance the teaching spaces. The total project cost is estimated to be \$6.7 million including CTS equipment allowance and allowances for project phasing in an occupied building.

**Priority 11 – North Senior High (Sector 4)**

**New Construction**

**Community Profile**

- The North Senior High School is intended to serve the residents of the developing and established communities north of Beddington Trail and Berkshire Boulevard in Sector 4. The north is the fastest growing area in the City and is expected to increase by 19,300 to 23,300 people over the next five years.
- Currently, the north area is served by John G. Diefenbaker in Sector 4 and by James Fowler, Queen Elizabeth and Crescent Heights High Schools in Sector 3.
- A site is available in Coventry Hills for the new senior high school.



**Enrolment Profile**

- Sector 4 has 1,368 students by enrolment and a capacity of 1,300 student spaces. Sector 3 has 5,742 students by enrolment and 6,763 student spaces. The combined total for Sectors 4 and 3 is 7,128 students by enrolment and 8,063 students spaces for a utilization rate of 88%.
- John G. Diefenbaker is the only high school in Sector 4 and has an enrolment of 1,386 students and a utilization rate of 107%
- There are four senior high schools in Sector 3. Three schools accommodating developing communities from the north are James Fowler Senior High, with a utilization rate by enrolment of 81%; Queen Elizabeth Junior/Senior High, with a utilization rate by enrolment of 92%; and, Crescent Heights Senior High with a utilization rate by enrolment of 70%.

**Accommodation and Transportation**

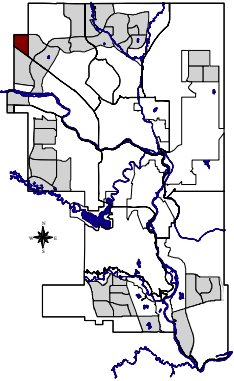
- Panorama Hills and Harvest Hills are designated to John G. Diefenbaker Senior High in Sector 4.
- Evanston and Kincora are designated on a temporary basis to John G. Diefenbaker High.
- Country Hills North is designated to James Fowler in Sector 3. MacEwan Glen, Sandstone Valley and Country Hills South are designated to Queen Elizabeth Senior High in Sector 3.
- Hidden Valley and Coventry Hills are designated to Crescent Heights Senior High in Sector 3.
- Enrolment growth in Sectors 4 and 3 continues to increase pressure for a senior high school in the Coventry Hills community and the grouped sector utilization rate is 88%.

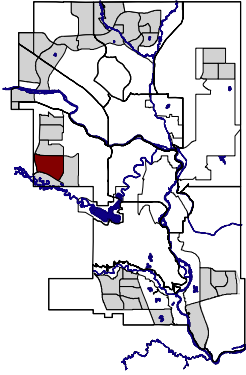
**Accommodation Planning**

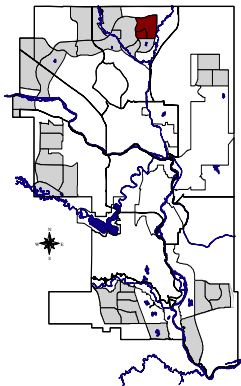
- Construct a senior high school for 1,500 Grades 10-12 students.
- The high school will serve the needs of the residents of Coventry Hills, Panorama Hills, Harvest Hills, Country Hills and Hidden Valley, and other developing communities that can be accommodated.

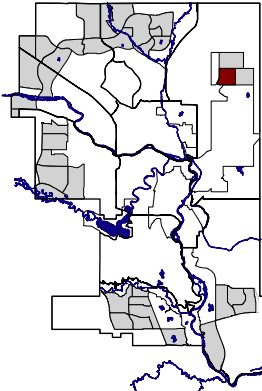
**Recommendation**

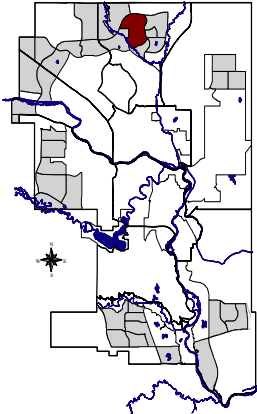
- Construct a 1,500-student-capacity senior high school complete with seven 200 sq.m. CTS spaces.
- The total project cost is budgeted at \$24,200,000, including the CTS space allowance and an allowance for CTS equipment in the amount of \$1,000,000. These figures are based upon 2001 support prices.

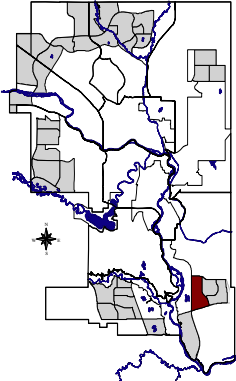
<b>7.0 SCHOOL CAPITAL PLAN 2007-2008 - YEAR 3</b>	
<b>Priority 1 – Rocky Ridge Elementary (Sector 2)</b>	
<b>New Construction</b>	
<b>Community Profile</b>	
<ul style="list-style-type: none"> <li>• Rocky Ridge Community began development in 1989 and is located in the northwest, north of Crowchild Trail and west of Rocky Ridge RD NW.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units was 1,700 with a population of 4,487.</li> <li>• The community is planned for an estimated 3,060 housing units with a population capacity of 8,700 to 9,700.</li> <li>• The community had an average annual population growth of 715 persons during the past three-year period and has completed approximately 56% of its development</li> </ul>	
<b>Enrolment Profile</b>	
<ul style="list-style-type: none"> <li>• As of the April 2004 Census, there were 299 public preschool-aged children.</li> <li>• As of September 30, 2004, there were 161 Kindergarten to Grade 4 students residing in Rocky Ridge that attended CBE Schools.</li> <li>• As of September 30, 2004, there were 209 Kindergarten to Grade 6 students residing in the Rocky Ridge community that attended CBE schools.</li> </ul>	
<b>Accommodation and Transportation</b>	
<ul style="list-style-type: none"> <li>• There is one elementary site and one middle school site in Rocky Ridge.</li> <li>• Rocky Ridge elementary students are currently bussed to Belvedere-Parkway Elementary School, which is located in the Bowness community in Sector 1.</li> <li>• Median travel time to Belvedere-Parkway is 26 minutes.</li> </ul>	
<b>Accommodation Planning</b>	
<ul style="list-style-type: none"> <li>• Construct a core elementary school for 350 students complete with space to support a relocatable addition for 200 students in 8 units. The potential capacity of the school will be 550 student spaces.</li> <li>• Students will be accommodated at Belvedere-Parkway Elementary for Grades 5 and 6 and Montgomery Junior High.</li> </ul>	
<b>Recommendation</b>	
<ul style="list-style-type: none"> <li>• Construct a 350-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach four relocatable units to be ready for the school's opening. The opening day capacity will be 450 student spaces.</li> <li>• The total project cost is budgeted at \$6,100,000, including the construction of the new relocatable units. These figures are based upon 2001 support prices.</li> </ul>	

Priority 2 –Springbank Hill Elementary (Sector 6)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• Springbank Hill Community began development in 1997 and is located in the west sector of the City, immediately east of the Signal Hill Community on 69 Street SW.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units was 1,159 with a population of 3,488.</li> <li>• The community is planned for an estimated 5,370 housing units with a population capacity of 15,300 to 16,900.</li> <li>• The community had an average annual population growth of 520 persons during the past three-year period and has completed approximately 22% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of the April 2004 Census, there were 208 public preschool-aged children.</li> <li>• As of September 30, 2004, there were 141 Kindergarten to Grade 4 students residing in Springbank Hill that attended CBE Schools.</li> <li>• As of September 30, 2004, there were 178 Kindergarten to Grade 6 students residing in the Springbank Hill community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• There is one elementary site and one middle school site in Springbank Hill.</li> <li>• Springbank Hill elementary students are currently bussed to Glenbrook Elementary School, which is located in the Glenbrook community in Sector 6.</li> <li>• Median travel time to Glenbrook is 19 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a core elementary K-4 school for 350 students complete with space to support a relocatable addition for 200 students in 8 units. The potential capacity of the school will be 550 student spaces.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 350-student-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach four relocatable units to be ready for the school's opening. The opening day capacity will be 450 student spaces.</li> <li>• The total project cost is budgeted at \$6,100,000, including the construction of the new relocatable units. These figures are based upon 2001 support prices.</li> </ul>	

Priority 3 – Coventry Hills Elementary School (Sector 4)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>Coventry Hills Community began development in 1990 and is situated in north Calgary, north of Country Hills Boulevard NW.</li> <li>As of the April 2004 Census, the total number of occupied dwelling units in Coventry Hills was 3,774 with a population of 10,391.</li> <li>The Coventry Hills community is planned for an estimated 7,180 housing units with a population capacity of 19,800 to 21,800.</li> <li>The community had an average annual population growth of 1,296 persons during the past three-year period and has completed approximately 53% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>As of the April 2004 Census, there were 793 pre-school-aged children from the Coventry Hills community that attended CBE schools.</li> <li>As of September 30, 2004, there were 480 Kindergarten to Grade 4 students residing in Coventry Hills that attended CBE Schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>Coventry Hills modular school currently accommodates K-2 students. A core school addition is to be completed to the school for September 2005 and will accommodate K-3 students. The capacity of the school will be 575 student spaces.</li> <li>Additional capacity is required in Coventry Hills to accommodate elementary school students.</li> <li>There are two elementary sites and one senior high school site in Coventry Hills. The middle/junior high school site is located in Country Hills Village.</li> <li>Coventry Hills students are currently bussed to Colonel Macleod School (Grades 3-9), which is located in the Renfrew community in Sector 8.</li> <li>Median travel time to Colonel Macleod is 33 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>Construct a core elementary K-4 for 350 students complete with space to support a relocatable addition for 200 students in 8 units. The potential capacity of the school will be 550 student spaces.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>Construct a 350-student-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach four relocatable units to be ready for the school's opening. The opening day capacity will be 450 student spaces.</li> <li>The total project cost is budgeted at \$6,100,000, including the construction of the new relocatable units. These figures are based upon 2001 support prices.</li> </ul>	

Priority 4 – Martindale Elementary School (Sector 5)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• Martindale Community began development in 1983 and is situated in northeast Calgary, north of 64 Avenue NE, south of 80 Avenue NE and west of 44 Street SE.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units in Martindale was 3,443 with a population of 11,551.</li> <li>• The Martindale community is planned for an estimated 3,630 housing units with a population capacity of 11,000 to 12,200.</li> <li>• The community had an average annual population growth of 761 persons during the past three-year period and has completed approximately 95% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of the April 2004 Census, there were 1,009 public preschool-aged children.</li> <li>• As of September 30, 2004, there were 770 Kindergarten to Grade 4 students residing in Martindale that attended CBE Schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• Crossing Park School currently accommodates K-6 students in Martindale.</li> <li>• There is one elementary, one junior high and one senior high school site in Martindale.</li> <li>• Martindale overflow students are currently bussed to Grant MacEwan School (Grades K-6), which is located in the Falconridge community in Sector 5.</li> <li>• Median travel time to Grant MacEwan is 8 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a core elementary K-4 school for 350 students complete with space to support a relocatable addition for 200 students in 8 units. The potential capacity of the school will be 550 student spaces.</li> <li>• The existing Crossing Park School will be reconfigured to a middle school to accommodate Grades 5-9. Enrolments will be monitored to accommodate appropriate grade configuration.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 350-student-capacity, K-4 core school sized to support the relocatable expansion. Construct and attach four relocatable units to be ready for the school's opening. The opening day capacity will be 450 student spaces.</li> <li>• The total project cost is budgeted at \$6,100,000, including the construction of the new relocatable units. These figures are based upon 2001 support prices.</li> </ul>	

Priority 5 – Panorama Hills Middle School (Sector 4)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• Panorama Hills Community began development in 1996 and is located north of Coventry Hills Boulevard and west of Harvest Hills Boulevard NW.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units in Panorama Hills was 2,132 with a population of 4,548.</li> <li>• The Panorama Hills community is planned for an estimated 8,020 housing units with a population capacity of 22,900 to 25,300.</li> <li>• The community had an average annual population growth of 1,516 persons during the past three-year period and has completed approximately 27% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of September 30, 2004, there were 262 Kindergarten to Grade 4 students residing in Panorama Hills that attended CBE Schools.</li> <li>• As of September 30, 2004, there were 224 Grades 5-9 students residing in the Panorama Hills community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• There are three elementary sites and one middle school site in Panorama Hills.</li> <li>• Panorama Hills students use Calgary Transit bussing to attend Sir John A. Macdonald, which is located in the Huntington Hills community in Sector 4.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a core middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The potential capacity of the school will be 900 student spaces.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 500-student-capacity, core middle school, sized to support the relocatable expansion. Construct and attach eight relocatable units to be ready for the school's opening. The opening day capacity will be 700 student spaces.</li> <li>• The total project cost is budgeted at \$11,100,000, including the construction of the new relocatable units, funding for CTS space, and a CTS equipment allowance. These figures are based upon 2001 support prices.</li> </ul>	

Priority 6 – McKenzie Towne Middle School (Sector 4)	
New Construction	
Community Profile	
<ul style="list-style-type: none"> <li>• McKenzie Towne Community began development in 1994 and is located north of Marquis of Lorne Trail between Deerfoot Trail and 52 Street SE.</li> <li>• As of the April 2004 Census, the total number of occupied dwelling units was 2,708 with a population of 6,936.</li> <li>• The community is planned for an estimated 6,980 housing units with a population capacity of 19,900 to 21,900.</li> <li>• The community had an average annual population growth of 1,297 persons during the past three-year period and has completed approximately 39% of its development.</li> </ul>	
Enrolment Profile	
<ul style="list-style-type: none"> <li>• As of September 30, 2004, there were 246 Kindergarten to Grade 4 students residing in McKenzie Towne that attended CBE Schools.</li> <li>• As of September 30, 2004, there were 178 Grades 5-9 students residing in the McKenzie Towne community that attended CBE schools.</li> </ul>	
Accommodation and Transportation	
<ul style="list-style-type: none"> <li>• There is one elementary site and one elementary/junior high site in McKenzie Towne.</li> <li>• McKenzie Towne students are currently bussed to David Thompson Middle School (Grades 5-9), which is located in the Acadia community in Sector 8.</li> <li>• Median travel time to David Thompson is 28 minutes.</li> </ul>	
Accommodation Planning	
<ul style="list-style-type: none"> <li>• Construct a core middle school for 500 Grades 5-9 students complete with space to support a relocatable addition for 400 students in 16 units. The potential capacity of the school will be 900 student spaces.</li> </ul>	
Recommendation	
<ul style="list-style-type: none"> <li>• Construct a 500-capacity, core middle school, sized to support the relocatable expansion. Construct and attach eight relocatable units to be ready for the school's opening. The opening day capacity will be 700 student spaces.</li> <li>• The total project cost is budgeted at \$11,100,000, including the construction of the new relocatable units, funding for CTS space, and a CTS equipment allowance. These figures are based upon 2001 support prices.</li> </ul>	

**Priority 7 – 20 Portable/Relocatable Demolitions/Replacements**

**Expansion – Portables/Relocatables**

Approximately 41%, or 209 of the 507 units in the Calgary Board of Education’s inventory, were constructed over 25 years ago and have exceeded their design life expectancy. In addition, over 90% of the total units were constructed prior to 1997 and do not conform to the current 1997 edition of the Alberta Building Code. As a result, many units require significant upgrades and/or reconstruction when relocated that would cost more than 75% of the unit replacement value. Some units have fungal contamination and this concern has resulted in a replacement strategy using fungal resistant methods. Therefore, the CBE has requested a budget of \$2.4 million to construct 20 new units. The CBE has applied to the Province to demolish an equal number of units in accordance with Alberta Infrastructure guidelines. This figure is based on 2001 support prices.

**Priority 8 – 10 Portable/Relocatable Moves**

**Expansion – Portables/Relocatables**

**Growth Needs for Existing Schools**

In order to respond to the space needs associated with enrolment growth and corresponding shifts in student population, the estimated cost of \$360,000 represents the cost of moving 10 portables/relocatables for the 2007-2008 school year. This figure is based on 2001 support prices.

This budget is based solely on the funding identified as available by Alberta Infrastructure administration and has historically required Provincial funding to be supplemented by Infrastructure Maintenance Program (IMP) in order to meet the Alberta Building Code upgrade requirements of authorities having jurisdiction.

**8.0 ALTERNATIVE FUNDING MODELS - ADDITIONAL CALGARY BOARD OF EDUCATION PRIORITIES**

There are approximately 40 developing communities in Calgary within the outlying Sectors 1, 2, 4, 5, 6 and 9. There is ongoing pressure to build schools within many of these developing communities based on populations and an ever-increasing number of students in these communities.

The sector utilization rate by residence is a stronger indicator of where new school construction pressures exist. In terms of utilization rate by residence for Kindergarten to Grade 9, Sectors 2, 4, 5 and 9 exceed the 85% utilization rate: Sector 2 (122%); Sector 4 (126%); Sector 5 (95%); and Sector 9 (201%). There is also pressure for new school construction in communities within Sectors 1 and 6, although the utilization rate for these Sectors does not exceed 85%. To address this situation the CBE must look to innovative measures to address new school construction in communities with strong growth and enrolment pressures that do not qualify for new school construction.

The Provincial Financial Management Commission has identified P3s as a possible solution to some of Alberta's infrastructure problems. The Provincial government has defined Public Private Partnerships (P3s) as any cooperative venture that meets a public need based on contractual obligations between partners. The Board of Trustees has developed guidelines for approaching this funding model. At the August 26, 2003 Regular Meeting of the Board of Trustees, the Chief Superintendent was directed to invite expressions of interest from the community at large to construct new schools through the use of alternative funding models.

An Expression of Interest (EOI) was advertised with a deadline of January 12, 2004, and 18 submissions were received. The EOI identified two categories of projects – new school construction and modernization of schools. The EOI provided significant background information to clearly identify the opportunity presented, the partnership expectations, business objectives and roles and responsibilities of the proponents. The Expression of Interest 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. The RFP phase will provide the CBE with financial and partnering proposals to evaluate and select a partner(s) to undertake construction of new schools and modernization of existing schools. The preparation of a response to a RFP call will require a significant investment on the part of short listed proponents. To maintain the integrity of the process, a firm commitment from Alberta Infrastructure/Learning to support a partnership contract is being sought prior to initiating the RFP phase. A letter was sent February 2004 to Alberta Infrastructure and Transportation/Education to obtain this commitment. The Province replied May 2004 and identified additional requirements that must be met before P3 Projects can proceed. Requirements included a list of schools that would be closed or right-sized to meet a sector utilization rate of 85%.

### Modernization

The Expression of Interest identified potential modernization projects. Modernization projects that were identified consist of Western Canada Senior High, Ian Bazalgette Phase 2, Bowness Senior High and Sherwood Community School. Other projects considered consist of F.E. Osborne Junior High and Louis Riel Elementary/Junior High. Modernization projects recommended in this School Capital Plan would only be pursued if Provincial funding is not approved.

In addition to the schools identified, the Calgary Board of Education also identified significant shortfalls in deferred maintenance activity. The deferred maintenance ranges from simple refurbishment to major mechanical rebuilds which may give rise to further modernization projects.

### Replacement Facilities

The Calgary Board of Education faces a number of critical challenges with respect to some of its older school buildings and sites that have potential to be considered for alternative funding models as replacement facilities.

#### 1. Albert Park/David D. Oughton

The Calgary Board of Education is proceeding with a creative solution for a replacement facility for two schools in the east and is currently in discussions with a private sector partner. David D. Oughton and Albert Park Schools are 50 and 43 years old, respectively. While annual maintenance by the CBE has managed to keep the facility operational, limited budget dollars available for facility upgrades or major modernizations have resulted in significant backlogs of maintenance and building renewal costs at each of the schools. The condition of these two school facilities is considered to have an increasingly negative impact on the quality of the learning environment for the students.

The proposed solution is based on the enrolment of both schools being accommodated in one new facility. A new replacement school, including space for community needs, will be built to accommodate the K-4 students of David D. Oughton and Albert Park Schools. The new school would be developed on the same site as Sir Wilfrid Laurier Junior High. Sir Wilfrid Laurier School would be renovated to a Grades 5-9 middle school, and would accommodate the existing Sir Wilfrid Laurier School population, as well as David D. Oughton and Albert Park Schools' Grades 5-6 students in a campus like setting.

The funding and financing of the project has required that the Provincial government approach this project differently, and be innovative in its thinking and methods. David D. Oughton and Albert Park would remain open and functional for the period of time it would take to complete the new construction and renovations. At the time of completion, the David D. Oughton and Albert Park sites would be disposed of and the proceeds used to repay the interim financing and costs of the new school. Currently, David D. Oughton and Albert Park are proceeding through the process of consideration for closure.

#### 2. Elboya School

Elboya School was identified as requiring significant modernization to meet program requirements, as well as requiring right-sizing to better reflect the size of the community. A request by the community to build a replacement gym or renovate two existing gyms into one has prompted CBE administration to examine the long-term viability of the school.

The Elboya School scored only 330 on the Provincial Facility Audit, which is not reflective of the actual condition of the facility. A detailed evaluation of the facility, including hazardous materials evaluation, building code upgrades, etc., has estimated that the project

value for modernization exceeds the value of replacing the facility. In addition, the gym facilities in the building have been identified as inappropriate to deliver the required curriculum. Based on the low Provincial facility score, the CBE is reviewing alternative funding schemes in order to undertake this project outside the normal Capital Plan process.

Replacement of Elboya School, however, is aligned with the strategic goals articulated by Alberta Infrastructure and Transportation, Alberta Education and the Calgary Board of Education. The project being considered is a 500-student-capacity, K-9 facility on the current Elboya site that will include a gym and program spaces large enough to accommodate future curriculum delivery needs. The vision for the school is to construct a replacement school on the current site and allow the existing facility to function until the new school is ready for occupancy. The project is in the concept development stage; however, the CBE will be seeking the support and flexibility of the Provincial government at the appropriate time.

### Chinook Learning Services – Relocation to East Village

Chinook Learning Services provides key services to the community in the areas of high school completion, Adult ESL and Continuing Education. It presently has the full-time use of 62 instructional spaces throughout the City, and many more classroom spaces after hours and on weekends in a variety of sites. It also occupies administrative spaces in Viscount Bennett Centre and Rosscarrock School. Numbers are as indicated in the following table:

Chinook Learning Services			
Program	Annual	Daily	Location
High School Credit	8,000 students (15,000 registrations)	1,600	Viscount Bennett Centre and small satellite sites (Lord Shaughnessy, Forest Lawn)*
ESL	1,200	200	Tuxedo Park
LINC**	200	200	Four City locations
Continuing Education	12,000	Varies	More than 30 CBE locations across Calgary

\* Specialized, customized Chinook programs are also offered at 15 Area high schools

\*\* Language Instruction for Newcomers to Canada

It is proposed to relocate Chinook Learning Services to East Village in downtown Calgary. CBE would become part of an Urban Campus plan in partnership with post-secondary institutions and other partners. This central location will provide better access and facilitate transitions to post-secondary institutions.

Further, Chinook must vacate Viscount Bennett Centre because:

- It is uneconomical to modernize the building,
- Westmount Charter School shares space at VCB. This has forced Chinook to relocate to satellite sites, posing educational, administrative and financial challenges
- Consolidation of Chinook at one site will cut current operating costs.

Funding and financing for this project will involve a partnership between Alberta Infrastructure and Transportation and the Calgary Board of Education. The Urban Campus concept is an innovative project; therefore, funding and financing will require that the Provincial government approach this project differently and be innovative in its thinking and its methods.

9.0 APPENDICES

**Table 1: Sector Utilization Rates by Enrolment – Elementary/Junior High**

Elementary/Junior High Students by Enrolment and Accommodation Sector 2004-2005			
	Elementary/Junior Students	Elementary/Junior Capacity	Utilization
Sector 1	5,711	6,761	84.47%
<b>Sector 2</b>	<b>5,576</b>	<b>6,297</b>	<b>88.55%</b>
Sector 3	9,431	13,476	69.98%
<b>Sector 4</b>	<b>5,248</b>	<b>6,007</b>	<b>87.36%</b>
<b>Sector 5</b>	<b>16,249</b>	<b>19,009</b>	<b>85.48%</b>
Sector 6	5,828	8,002	72.83%
Sector 7	4,689	7,522	62.34%
Sector 8	12,936	18,355	70.48%
<b>Sector 9</b>	<b>4,009</b>	<b>4,139</b>	<b>96.86%</b>
<b>Total</b>	<b>69,677</b>	<b>89,568</b>	<b>77.79%</b>

**Notes:**

- Student numbers are based on ArcView data as at September 30, 2004 (K@FTE to Grade 9)
- Capacity as per Alberta Infrastructure's ACU Report dated May 7, 2004

**Table 2: Sector Utilization Rates by Enrolment - Senior High**

Senior High Students by Enrolment and Accommodation Sector 2004-2005				
		Senior High Students	Senior High Capacity	Utilization
	Sector 1	2,199	2,491	88.28%
	Sector 2	1,968	2,015	97.67%
<b>Area 1 Total</b>		<b>4,167</b>	<b>4,506</b>	<b>92.48%</b>
	Sector 3	5,742	6,763	84.90%
	Sector 4	1,368	1,300	106.62%
<b>Area 2 Total</b>		<b>7,128</b>	<b>8,063</b>	<b>88.40%</b>
	Sector 5	3,679	4,841	76.00%
<b>Area 3 Total</b>		<b>3,679</b>	<b>4,841</b>	<b>76.00%</b>
	Sector 6	1,249	1,973	63.30%
	Sector 7	4,126	5,115	80.66%
<b>Area 4 Total</b>		<b>5,357</b>	<b>7,088</b>	<b>75.83%</b>
	Sector 8	5,659	6,121	92.45%
	Sector 9	573	1,800	31.83%
<b>Area 5 Total</b>		<b>6,232</b>	<b>7,921</b>	<b>78.68%</b>
	<b>Total</b>	<b>26,581</b>	<b>32,419</b>	<b>81.99%</b>

**Notes:**

- Student numbers are based on ArcView data as at September 30, 2004
- Capacity is based on Alberta Infrastructure's Area, Capacity and Utilization Report

**Table 3: Sector Utilization Rates by Residence - Elementary/Junior High**

<b>Elementary/Junior High Students by Residence and Accommodation Sector 2004-20054</b>			
	<b>Elementary/Junior Students</b>	<b>Elementary/Junior Capacity</b>	<b>Utilization</b>
Sector 1	5,023	6,761	74.29%
<b>Sector 2</b>	<b>7,683</b>	<b>6,297</b>	<b>122.01%</b>
Sector 3	4,153	13,476	30.82%
<b>Sector 4</b>	<b>7,594</b>	<b>6,007</b>	<b>126.42%</b>
<b>Sector 5</b>	<b>18,018</b>	<b>19,009</b>	<b>94.79%</b>
Sector 6	5,959	8,002	74.47%
Sector 7	4,898	7,522	65.12%
Sector 8	9,398	18,355	51.20%
<b>Sector 9</b>	<b>8,332</b>	<b>4,139</b>	<b>201.30%</b>
<b>Total</b>	<b>71,058</b>	<b>89,568</b>	<b>79.33%</b>

**Notes:**

- Student numbers are based on ArcView data as at September 30, 2004 (K@FTE to Grade 9)
- Capacity as per Alberta Infrastructure's ACU Report dated May 7, 2004



Calgary Board of Education

**New School Construction Capital Plan Criteria  
Developing Communities Eligibility**

Community	Eligibility for Ranking			Comments Related to Eligibility
	Sector	K-GR4	GR 5-9	
Arbour Lake	2	Y	N	Core GR 5-9 school approved.
Aspen Woods	6	N	N	Sector utilization under 85%*
Bridlewood	9	Y	Y	
Chaparral	9	N	N	Core K-GR4 approved. No middle school site.
Citadel	2	N	N	Core K-GR4 approved -- GR 5-9 can be accommodated in Arbour Lake
Copperfield	9	Y	Y	
Coral Springs	5	N	N	No middle school site. K-4 in adjacent community.
Cougar Ridge	6	N	N	Sector utilization under 85%*
Country Hills	4	Y	Y	
Coventry Hills	4	Y	Y	Core K-GR4 approved. Eligible for second K-4 school.
Cranston	9	Y	Y	
Crestmont	1	N	N	Sector utilization under 85%*
Discovery Ridge	6	N	N	Sector utilization under 85%*
Douglasdale/glen	9	N	N	Core K-GR4 approved. Grades 5-9 can be accommodated in an adjacent community.
Evanston	4	Y	Y	
Evergreen/Evergreen Estates	9	Y	Y	
Hamptons	2	Y	N	No middle school site
Harvest Hills	4	N	N	
Hidden Valley	4	N	N	Core elementary and middle school built
Kincora	4	Y	Y	
Martindale	5	Y	Y	Core elementary built. Junior high approved. Eligible for second school(s).
McKenzie Lake	9	N	N	Existing core elementary. Middle school approved.
McKenzie Towne	9	Y	Y	
Millrise	9	Y	N	No middle school site
Monterey Park	5	N	N	Core K-6 built. Grades 7-9 can be accommodated in an adjacent community.
New Brighton	9	Y	Y	
Panorama Hills	4	Y	Y	
Rocky Ridge	2	Y	N	Grade 5-9 can be accommodates in Royal Oak
Royal Oak	2	Y	Y	
Saddle Ridge	5	Y	Y	
Scenic Acres	1	N	N	K-3 modular school built. Sector utilization under 85%*
Shawnee Slopes	9	N	N	No elementary or middle school site
Shawnessy	9	N	Y	Core K-6 built.
Signal Hill	6	N	N	Core K-GR 6 approved. Sector utilization under 85%*
Somerset	9	N	Y	Core K-4 built
Springbank Hill	6	N	N	Sector utilization under 85%*
Taradale	5	Y	Y	
Tuscany	1	N	N	Core K-GR 6 approved. Sector utilization under 85%*
Valley Ridge	1	N	N	Sector utilization under 85%*
West Springs	6	N	N	Sector utilization under 85%*

Y=Yes; N=No

\*Note: For the 2005-2008 School Capital Plan, all Sectors qualify.

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