

Sudbury South Area Schools

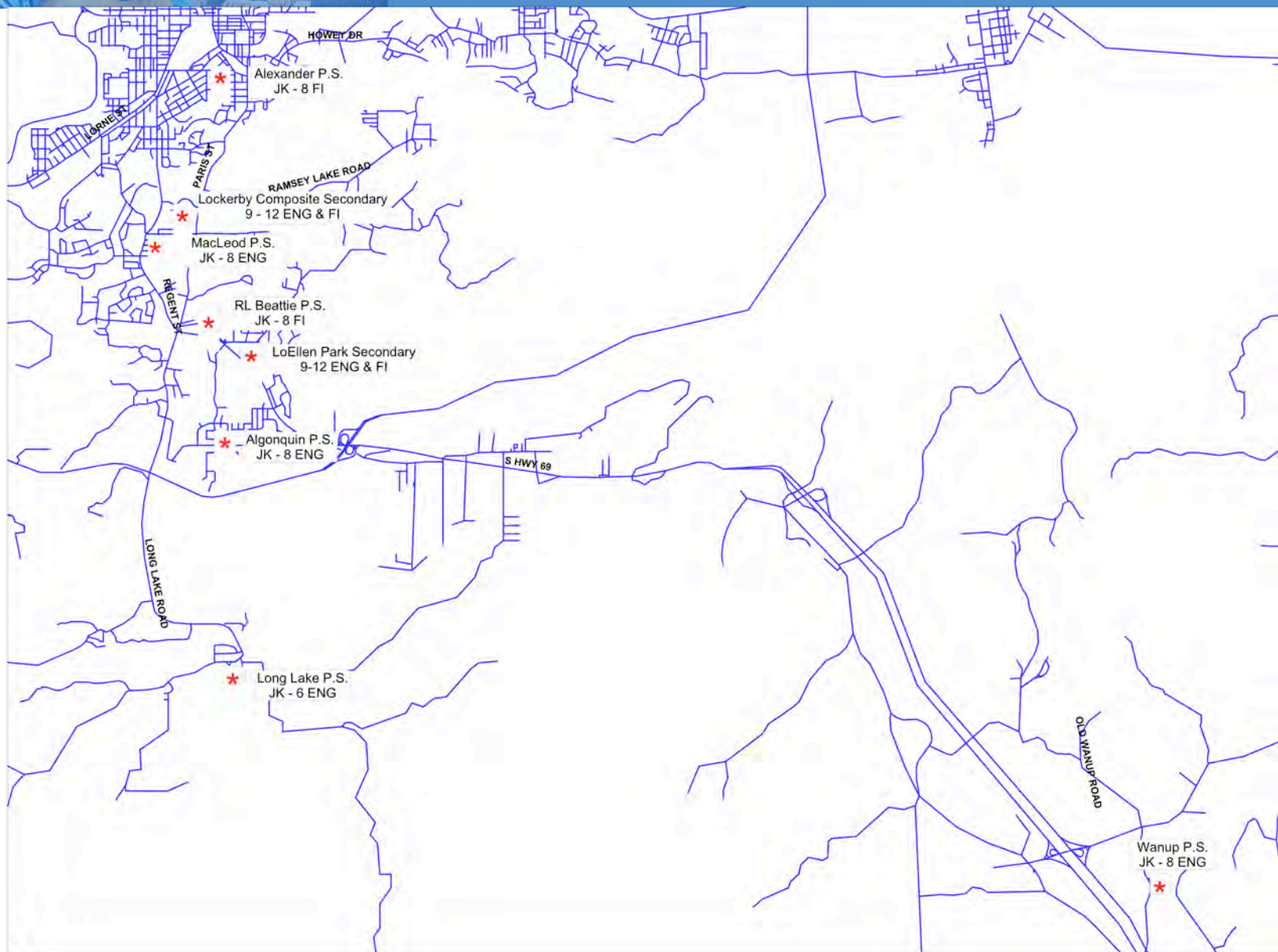


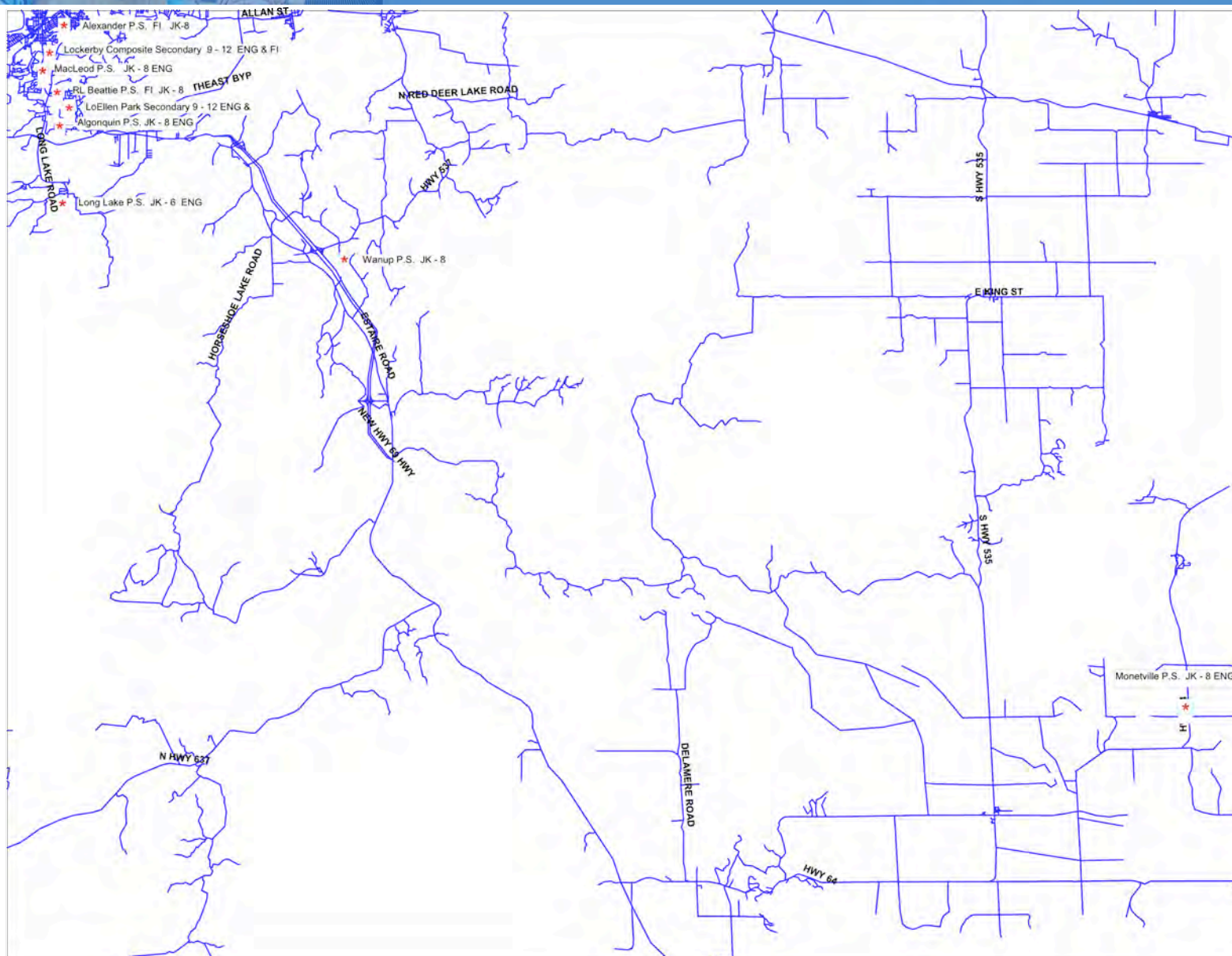
March 23, 2010



Sudbury South Area Schools:

Alexander PS	JK-8	French Immersion
Algonquin PS	JK-8	
Long Lake PS	JK-6	
MacLeod PS	JK-8	
Monetville PS	JK-8	
RL Beattie PS	JK-8	French Immersion
Wanup PS	JK-8	
Lo-Ellen SS	9-12	French Immersion
Lockerby SS	9-12	French Immersion







Ministry Benchmarks

Average Daily Enrolment (ADE):

Total # of students at October 31st x 50%

plus

Total # of students at March 31st x 50%



Sudbury South Area Schools: Projected Enrolment

	2009-2010	2013-2014	Reduction	
Alexander PS	277	276	(1)	(0.4%)
Algonquin PS	267	217	(50)	(18.7%)
Long Lake PS	72	61	(11)	(15.3%)
MacLeod PS	589	552	(37)	(6.3%)
Monetville PS	94	76	(18)	(19.1%)
RL Beattie PS	362	352	(10)	(2.8%)
Wanup PS	89	62	(27)	(30.3%)
Lo-Ellen SS	771	739	(32)	(4.1%)
Lockerby SS	954	842	(112)	(11.7%)
Total	3,474	3,177	(297)	(8.6%)

Figures reflect the Average Daily Enrolment (ADE)
JK and SK students are reported at 1.0



Ministry Benchmarks

On The Ground Capacity (OTG):

Elementary school – one classroom is deemed to be loaded at
23 students

Secondary school – one classroom is deemed to be loaded at
21 students

Certain rooms in both panels are deemed to be zero

Capacity Loading Factors (Elementary)

For purposes of determining the capacity of **elementary schools** (Junior Kindergarten to Grade 8), the capacity of the following types of spaces are:

Deemed to be 23 (elementary)	Deemed to be Zero (elementary)
Art Room <ul style="list-style-type: none"> • space configured similar to classroom • program can be delivered in regular classroom setting 	Auditorium <ul style="list-style-type: none"> • typically, pupils vacate classrooms to use the Auditorium; the vacated classrooms are not filled
Classroom <ul style="list-style-type: none"> • space configured for general instructional use 	Cafeteria/Cafetorium <ul style="list-style-type: none"> • space not used for instructional purposes
Commercial Room <ul style="list-style-type: none"> • space configured similar to classroom • program can be delivered in regular classroom setting 	Change Rooms <ul style="list-style-type: none"> • space not used for instructional purposes
Computer Room <ul style="list-style-type: none"> • space configured similar to classroom • program can be delivered in regular classroom setting • computers are available for students in most classrooms or in Library Resource Centres 	Child Care Centres <ul style="list-style-type: none"> • reflects government policy decision not to include space used as child care centers prior to January 1, 1998 in the calculation of a school's capacity
Family Studies Room <ul style="list-style-type: none"> • space configured similar to classroom • program has changed so that content is delivered as part of regular classroom programming 	General Purpose Room/Gymnasium/Exercise Room <ul style="list-style-type: none"> • typically, pupils vacate classrooms to use the gymnasium. The vacated classrooms are not filled
French Room <ul style="list-style-type: none"> • space configured similar to classroom • program can be delivered in regular classroom setting 	Guidance <ul style="list-style-type: none"> • space not used for instructional purposes
Laboratory/Science Room (Physics, Chemistry and Biology) <ul style="list-style-type: none"> • space configured similar to classroom • specialized space required for only a portion of the instructional time • typically students who take most of their classes in these rooms move to the classroom vacated by students who are making use of the specialized space 	Library Resource Centre <ul style="list-style-type: none"> • typically, pupils vacate classrooms to use the Library Resource Centre; the vacated classrooms are not filled

Capacity Loading Factors (Elementary)

For purposes of determining the capacity of **elementary schools** (Junior Kindergarten to Grade 8), the capacity of the following types of spaces are:

Deemed to be 23 (elementary)	Deemed to be Zero (elementary)
Lunch Room <ul style="list-style-type: none"> • space configured similar to classroom • typically boards will use this space to accommodate enrolment pressures before adding a portable to the school 	Health Unit <ul style="list-style-type: none"> • space not used for instructional purposes
Music Room (Vocal) <ul style="list-style-type: none"> • space configured similar to classroom • program can be delivered in regular classroom setting 	Music Room (Instrumental) <ul style="list-style-type: none"> • specialized space often shared by several schools • typically, pupils vacate classrooms for programming in this room; the vacated classrooms are not filled
Relocatable Unit - Permanent <ul style="list-style-type: none"> • space configured for general instructional use • units which are connected and integrated with the main school building; constructed of non-combustible materials such as steel frame of pre-cast concrete; and are either on full perimeter foundations or built on engineered concrete piers. 	Portable/Portapak <ul style="list-style-type: none"> • temporary accommodation
	Relocatable Unit - Non-Permanent <ul style="list-style-type: none"> • units which do not meet the criteria established for permanent units
	Stages <ul style="list-style-type: none"> • typically, pupils vacate classrooms when programming (Theatre Arts, Instrumental Music) is delivered on stages; the vacated classrooms are not filled
Deemed to be 20 (elementary)	Technical/Vocational/Design Technology Room <ul style="list-style-type: none"> • significant renovation costs required to convert space for classroom use • specialized space often shared by several schools • typically, pupils vacate classrooms for programming in this room; the vacated classrooms are not filled
Kindergarten <ul style="list-style-type: none"> • deemed capacity reflects the maximum average class size for Kindergarten 	

- NOTE:
- Special Education rooms are deemed to have a capacity of 9;
 - General Instructional Space having an area ranging from approximately 38m² to approximately 64m² (400 to approximately 700 square feet) are deemed to have a capacity of 12;
 - Special Purpose Rooms of less than 38 m² (400 square feet) are deemed to have a capacity of 0.



Capacity Loading Factors (Secondary)

For purposes of determining the capacity of **secondary schools** (Grade 9 to OAC), the capacity of the following types of spaces are:

Deemed to be 21 (secondary)	Deemed to be Zero (secondary)
Art Room <ul style="list-style-type: none"> • space may be scheduled for use for instructional purposes throughout the day in a rotary setting 	Auditorium <ul style="list-style-type: none"> • provides space for student assemblies during the school day
Broad-based Technology/Technological Education Room <ul style="list-style-type: none"> • space may be scheduled for instructional purposes throughout the day in a rotary setting 	Cafeteria/Cafetorium <ul style="list-style-type: none"> • space not used for instructional purposes
Classroom <ul style="list-style-type: none"> • space configured for general instructional purposes 	Change Rooms <ul style="list-style-type: none"> • space not used for instructional purposes
Commercial Practice Lab/Room <ul style="list-style-type: none"> • space may be scheduled for use for instructional purposes throughout the day in a rotary setting 	Child Care Centres <ul style="list-style-type: none"> • reflects government policy decision not to include space used as child care centers prior to January 1, 1998 in the calculation of a school's capacity
Computer Studies Room <ul style="list-style-type: none"> • space may be scheduled for instructional purposes throughout the day in a rotary setting 	Guidance <ul style="list-style-type: none"> • space not used for instructional purposes
Family Studies Room <ul style="list-style-type: none"> • space may be scheduled for instructional purposes throughout the day in a rotary setting 	Gymnasium (1st gymnasium space only)/Exercise Room <ul style="list-style-type: none"> • provides space for student assemblies or athletic competitions during the school day
Gymnasium (excluding 1st gymnasium space) <ul style="list-style-type: none"> • space may be scheduled for instructional purposes throughout the day in a rotary setting 	Health Unit <ul style="list-style-type: none"> • space not used for instructional purposes



Capacity Loading Factors (Secondary)

For purposes of determining the capacity of **secondary schools** (Grade 9 to OAC), the capacity of the following types of spaces are:

Deemed to be 21 (secondary)	Deemed to be Zero (secondary)
Laboratory/Science Room (Physics, Chemistry and Biology) <ul style="list-style-type: none"> space may be scheduled for instructional purposes throughout the day in a rotary setting 	Library Resource Centre <ul style="list-style-type: none"> typically used for research or study purposes by students working independently or in groups and not directly supervised by a teacher
Lecture Room <ul style="list-style-type: none"> space may be scheduled for instructional purposes throughout the day in a rotary setting for standard sized classes even though Lecture Rooms typically have more than 22 seats, it is impractical to schedule large groups on a consistent basis 	Lunch Room <ul style="list-style-type: none"> space not used for instructional purposes
Music Room (Instrumental and Vocal) <ul style="list-style-type: none"> space may be scheduled for instructional purposes throughout the day in a rotary setting 	Portable/Portapak <ul style="list-style-type: none"> temporary accommodation
Relocatable Unit – Permanent <ul style="list-style-type: none"> space configured for general instructional use units which are connected and integrated with the main school building; constructed of non-combustible materials such as steel frame of pre-cast concrete; and are either on full perimeter foundations or built on engineered concrete piers. 	Relocatable Unit - Non-Permanent <ul style="list-style-type: none"> units which do not meet the criteria established for permanent units
Theatre Arts <ul style="list-style-type: none"> space may be scheduled for instructional purposes throughout the day in a rotary setting 	



Utilization Rating

Utilization = $\frac{\text{Average Daily Enrolment (ADE)}}{\text{On the Ground Capacity (OTG)}}$

Good	> 79%
Fair	70 to 79%
Poor	50 to 69%
Critical	< 50%

On the Ground Capacity (OTG):

- Reflects only the number of student spaces in a school
- Based on Ministry of Education funding benchmarks



Sudbury South Area Schools: Capacity Utilization

	2009-2010				2013-2014			
	Enrolment	On The Ground Capacity	(Surplus) space or space pressure	Utilization Rate	Enrolment	On The Ground Capacity	(Surplus) space or space pressure	Utilization Rate
	OTG				OTG			
Alexander PS	277	293	(16)	95%	276	293	(17)	94%
Algonquin PS	267	270	(3)	99%	217	270	(53)	80%
Long Lake PS	72	89	(17)	81%	61	89	(28)	69%
MacLeod PS	589	463	126	127%	552	463	89	119%
Monetville PS	94	155	(61)	61%	76	155	(79)	49%
RL Beattie PS	362	359	3	101%	352	359	(7)	98%
Wanup PS	89	233	(144)	38%	62	233	(171)	27%
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Lo-Ellen SS	771	765	6	101%	739	765	(26)	97%
Lockerby SS	954	1,158	(204)	82%	842	1,158	(316)	73%
Total	3,474	3,785	(311)	92%	3,177	3,785	(608)	84%



Cumulative Capital Projects

In 2003, the Ministry of Education conducted a review of all schools in the province.

All capital projects and repairs identified through the inspections were entered into a central database.

In 2005, Rainbow District School Board verified and validated all of the cumulative capital projects.

In the fall of 2009, Rainbow District School Board validated cumulative capital projects in Sudbury South Area Schools.

Cumulative Capital Projects

COMPONENT	DESCRIPTION
EXTERIOR ARCHITECTURAL	Footings & Foundations Superstructure Exterior Walls Exterior Stairs / Site Related Stairs Windows Roofing Exterior Doors Exterior Door Hardware
INTERIOR ARCHITECTURAL	Partitions Moveable Partitions Millwork Interior Doors Interior Door Hardware Wall Finishes Flooring Finishes Ceiling Finishes Window Coverings Interior Stairs Fittings & Equipment Interior Ramps Science Lab Upgrade
ELECTRICAL	Primary Switchgear & Transformer Secondary Switchgear & Transformer Cabling, Raceways & Bus Ducts Exterior & Interior & Emergency Lighting / Fixtures Fire Alarms & Emergency Systems Electrical Heating Systems Communications Systems Security Systems Controls Clock Systems

Cumulative Capital Projects

COMPONENT	DESCRIPTION
MECHANICAL	Heating Piping Systems / Terminal Units / HVAC Pumps Ventilation Systems / Fans Plumbing Piping Systems & Fixtures Boilers / Heating Systems Water Treatment Systems / Water Storage Tanks Domestic Water Heaters Washroom Accessories / Partitions Cooling Systems Fire Protection Systems
LAND	Underground Utilities Aboveground Utilities Signage Retaining Walls Soft Landscaping Site Improvements Stormwater Management Systems Septic Systems Water Well Systems Parking Lots Roadway Paved Playgrounds Sports Fields & Recreational Spaces Walkways Yards
HANDICAP ACCESSIBILITY	Barrier Free Washrooms Interior/Exterior Ramps Accessible Playgrounds Accessible Parking Lots Walkways Automatic Door Devices Elevators / Stair Lift
ENVIRONMENTAL	Environmental Studies and Repairs School Ventilation

Sudbury South Area Schools: Renewal Needs

	Year Built	On The Ground Capacity OTG	2009-2010 Estimated Cumulative Capital Projects	2013-2014 Estimated 5 year Cumulative Capital Projects
Alexander PS	1933	293	\$2,087,363	\$2,315,658
Algonquin PS	1950	270	2,696,107	3,292,065
Long Lake PS	1955	89	1,673,601	1,807,247
MacLeod PS	1954	463	5,854,076	6,398,098
Monetville PS	1949	155	2,214,971	2,658,443
RL Beattie PS	1955	359	3,091,410	3,649,139
Wanup PS	1961	233	2,074,796	3,027,276
Lo-Ellen SS	1962	765	6,255,846	9,676,710
Lockerby SS	1958	1,158	4,806,575	6,810,974
Total		3,785	\$30,754,745	\$39,635,610