



AGENDA: 6:00pm

1. Call to Order/Roll Call
2. HWDSB Land Acknowledgement
3. Approval of the Agenda
4. Interim Financial Status Report – April 30, 2024
5. Capital Projects Update
6. 2024 Long-Term Facilities Plan
7. Resolution into Private Session as per the Education Act, Section 207(2)
A meeting of a committee of a board, including committee of the whole board, may be closed to the public when the subject/matter under consideration involves,
 - a) the security of the property of the board;
 - b) the disclosure of intimate, personal or financial information in respect of a member of the board or committee, an employee or prospective employee of the board or a pupil or his or her parent or guardian;
 - c) the acquisition or disposal of a school site;
 - d) decisions in respect of negotiations with employees of the board; or
 - e) litigation affecting the board. R.S.O. 1990, c.E.2,s.207 (2);2021, c. 4, Sched.11, s. 7 (1)



FINANCE AND FACILITIES COMMITTEE

June 11, 2024

Interim Financial Status Report – April 30, 2024

Submitted By: Sheryl Robinson Petrazzini, Director of Education

Prepared By: Matthew Gerard, Associate Director, Business Services and Treasurer
Denise Dawson, Senior Manager of Financial Services

Recommendation:

That the report be received as information by the Committee.

Background:

The Interim Financial Status Report presented is based on available information and assumptions as of April 30, 2024. Budget to actual trends were reviewed in order to forecast the Boards August 31, 2024, year-end position from a financial, staffing and enrolment perspective. The Interim Financial Status Report is prepared three times year and presented to Finance and Facilities Committee for review.

The Interim Financial Status Report (Appendix A) consists of:

- Enrolment information, showing budgeted, forecasted and in-year change, in numeric and graph format, with explanations of key variances;
- Staffing information, showing budgeted, forecasted and in-year change, in numeric and graph format, with explanations of key variances;
- Financial information comparing the year-end forecast to the Budget, with explanations of key variances;
- Summarization of all information presented, in numeric and graph format, with explanations of key variances.

Status:

The 2023-24 revenue budget shows an increase in projected revenue of \$6.97 million. Since the revised budget was filed with the Ministry in December 2023, the Board is projecting additional interest revenue as interest rates continue to remain high. In addition, we are projecting additional community use and rental revenue based on the year-to-date actuals generated, plus there was a small increase in the Literacy and Basic Skills revenue based on approved

expenditures. Based on enrolment increases in both panels as of March 31, 2024, operating grant revenue is projected to be \$1.866 million over the revised budget

Expenditures are projected to be \$7.6 million over the revised budget. This is due to the projected increase in supply costs for most occupational groups as both usage and fill rates have increased. In addition, we are projecting increased maintenance and caretaking costs based on spending to date and additional staffing including a vice-principal, elementary office assistants and educational assistants were added from January to June to meet the needs of the system.

Financial Implications:

As the Financial Status Report in Appendix A shows, the forecast for spending as of August 31, 2024, based on expenditures and revenue as April 30, 2024, shows a projected deficit of \$632,750, compromising of supply cost pressures and unfunded benefits, specifically enhanced CPP. This deficit will be covered by our contingency of \$1.0 million. As with all forecasts, as new information is received or as assumptions change, the resulting Interim Financial Reports will be updated accordingly.

Strategic Directions:

Building a Sustainable Education System

We will adapt to a rapidly changing world through responsible fiscal management, investing equitably in accessible and sustainable facilities and supporting a robust workforce.

**Hamilton-Wentworth District School Board
Interim Financial Report - Based on Information as of April 30, 2024
For the Period Ending August 31, 2024**

Summary of Financial Results

	Approved Budget	Revised Budget	Forecast	In-Year Change \$	In-Year Change %
Revenues					
Operating Grants	627,254,698	633,835,769	635,702,019	1,866,250	0.3%
Capital & Debt	56,709,640	58,854,633	58,854,633	-	-
Priority & Partnership Funding	16,636,506	18,113,713	18,113,713	-	-
Other Revenue	6,985,740	7,780,675	12,886,675	5,106,000	65.6%
Total Revenues	707,586,584	718,584,790	725,557,040	6,972,250	1.0%
Expenditures					
Classroom	543,664,122	549,808,198	555,913,198	6,105,000	1.1%
Other Operating	15,993,484	16,625,318	16,625,318	-	-
Transportation	20,369,477	20,630,664	20,630,664	-	-
Pupil Accommodation	113,755,728	117,582,590	119,082,590	1,500,000	1.3%
Other	13,803,773	13,938,020	13,938,020	-	-
Total Expenditures	707,586,584	718,584,790	726,189,790	7,605,000	1.1%
Surplus/(Deficit)	-	-	(632,750)	(0.1%)	

Change in Revenue

Operating grants is projected to be \$1,866,250 greater than revised budget based on increased enrolment as of March 31, 2024 for both panels. Other revenue is projected to be \$5.1 million greater than the revised budget based on increased bank interest as rates remain high and community use of schools year to date revenue.

Change in Expenditure

Expenditures are projected to be \$6.97 m over revised budget. This is due to the increase in supply costs for most occupational groups, projected spending in maintenance and caretaking costs and projected costs of the additional staff hired from January to June to meet the need of the system.

Change in Surplus/Deficit

This projections is based on year to date revenue and expenditures as of April 30, 2024 and projected expenditures until August 31, 2024. At this time we are projecting a deficit of approximately \$633,000 and this would come from the contingency of \$1 million.

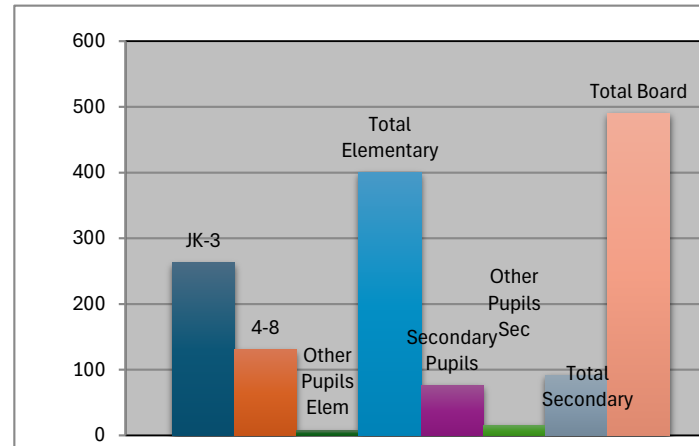
We will continue to monitor the assumptions and information used in compiling this forecast and we will revise the forecast as necessary.

NOTE: Budget to actual trends were reviewed in order to forecast August 31st year-end position. As with all forecasts, as information or assumptions change, this information will be updated accordingly.

Summary of Enrolment

	Approved Budget	Forecast	Increase (Decrease) #	Increase (Decrease) %
Elementary				
JK-3	18,312.00	18,574.50	262.50	1.4%
4-8	18,975.00	19,105.00	130.00	0.7%
Other Pupils	22.00	29.00	7.00	31.8%
Total Elementary	37,309.00	37,708.50	399.50	1.1%
Secondary <21				
Pupils of the Board	14,218.50	14,294.00	75.50	0.5%
Other Pupils	129.00	144.00	15.00	11.6%
Total Secondary	14,347.50	14,438.00	90.50	0.6%
Total	51,656.50	52,146.50	490.00	0.9%

Changes in Enrolment: Budget versus Forecast



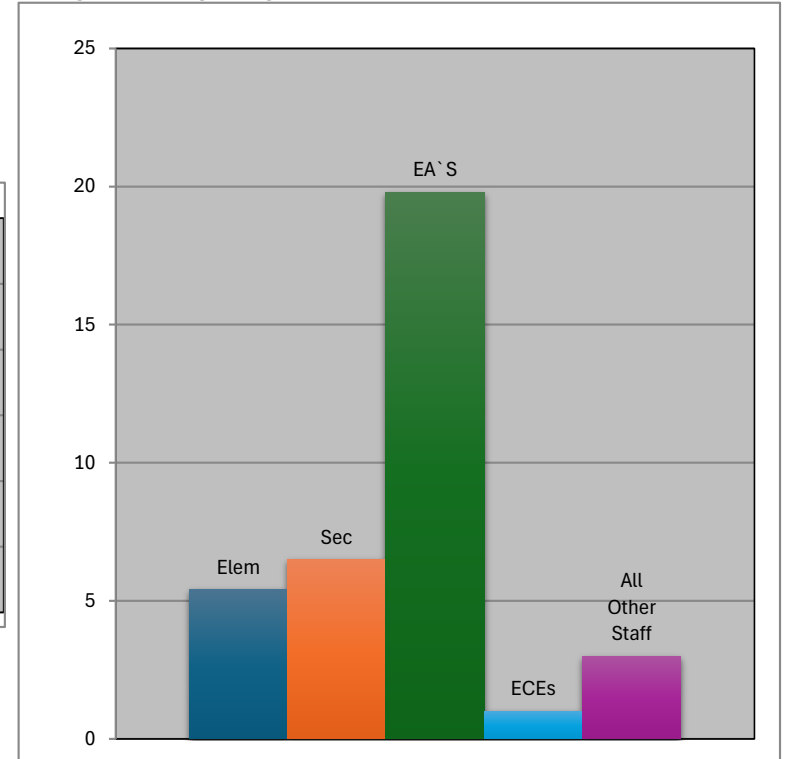
Highlights of Changes in Enrolment:

- Elementary enrolment and secondary enrolment is projected to be 392.50 ADE and 75.50 ADE respectively over budget due to growth in residential development in some areas of the city and the board continues to receive students into our schools from outside HWDSB, Ontario and Canada. International students are projected to be in total 22.00 ADE more than projected as the number of students coming into HWDSB

Summary of Staffing

	Approved Budget	Actual 30-Apr-24	Forecast	Increase (Decrease) #	Increase (Decrease) %
Full-Time Equivalent					
Program Instruction					
Program Instruction	4,915.38	4,931.95	4,951.08	35.70	0.7%
Program Support	571.80	571.80	571.80	0.00	0.0%
Capital	7.00	7.00	7.00	0.00	0.0%
Total	5,494.18	5,510.75	5,529.88	35.70	0.6%

Changes in Staffing: Budget versus Forecast



Highlights of Changes in Staffing:

Elementary teachers and DECE reflect an increase over budget in order due to the enrolment increase and required clas size regulations. Secondary teachers will increase for second semester due to the change in enrolment. Educational Assistants have been added with the increase in special education funding as a result of increased enrolment. School Administration has increased to meet the needs of the system funded by the enrolment increase.



FINANCE AND FACILITIES COMMITTEE

June 11, 2024

Capital Projects Update

Submitted By: Sheryl Robinson Petrazzini, Director of Education

Prepared By: Matthew Gerard, Associate Director, Business Services and Treasurer
David Anderson, Senior Manager, Facility Services
Amie Myszkowski, Manager, Capital Projects

Recommendation:

That the report be received as information by the Committee.

Background:

On March 28, 2024, Trustees were provided with an update on capital projects in progress. This report is part of Facility Services' on-going commitment to update Trustees regarding the status of capital projects, on a regular basis.

Status:

A summary of all the capital projects, by category, in various phases, is provided as Appendix A. Summaries are categorized by each project's general scope of work description and project initiative. The project status updates are current as of June 4, 2024.

Staff continue to deliver a number of Capital projects, which include school renewal work and new school construction projects.

There are a number of factors affecting the progress of capital projects, in particular:

- Unforeseen site conditions
- Delays with material deliveries, specifically HVAC equipment
- Asbestos abatement

Board staff will continue to update Trustees as to the status of these projects, on a regular basis.

Financial Implications:

Projects are funded through one of, or a combination of, the following sources:

1. School Renewal Allocation (SRA)
2. School Condition Improvement (SCI)
3. Capital Priorities (CP)
4. Proceeds of Disposition (POD)

Strategic Directions:

Building a sustainable Education system

We will adapt to a rapidly changing world through responsible fiscal management, investing equitably in accessible and sustainable facilities, and supporting a robust workforce.

School Renewal Projects						
Accessibility						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
AM Cunningham	Front Entrance Renovation - New Entry Doors			Complete	\$ 245,000	Complete.
AM Cunningham	Gym Renovation Project (stage Lift)	\$ 300,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
AM Cunningham	Universal Washroom	\$ 700,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Ancaster High	Washroom and Changeroom Renovation (accessible stalls and showers)	\$ 200,000		Construction		Multiple year project. Construction phases to continue into August 2024.
Buchanan Park	Student Washroom Renovation (accessible stalls)		\$ 100,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Dundas Valley	Washroom and Changeroom Renovation (accessible stalls and showers)			Complete	\$ 150,000	Complete.
Dundas Valley	Front Entrance Renovations - Concrete Replacement at Front Entrance			Complete	\$ 181,000	Complete.
Franklin Road	Student Washroom Renovation		\$ 200,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
George L Armstrong	Gym Renovation Project (stage Lift)	\$ 150,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024 and take 2 years.
Glendale	Front Entrance Renovations - New Barrier Free Entry Doors			Complete	\$ 222,000	Complete.
Glendale	Washroom and Changeroom Renovation (accessible stalls and showers)			Complete	\$ 100,000	Complete.
Hess Street	Gym Renovation Project (stage Lift)	\$ 150,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Janet Lee	Gym Renovation Project (stage Lift)			Complete	\$ 150,000	Complete.
Kanetskare	Accessible Washroom			Complete	\$ 155,000	Complete.
Norwood Park	Gym Renovation Project (stage Lift)			Complete	\$ 150,000	Complete.
Norwood Park	Main Entrance Ramp		\$ 100,000	Initiation		Project initiated Spring 2024 Construction anticipated in Summer 2025.
Orchard Park	Washroom, Changeroom Renovation (accessible stalls and showers)		\$ 150,000	Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024. Construction to span 2 years
Parkdale	Exterior Ramp & Stair Lift	\$ 400,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Richard Beasley	Stage Lift		\$ 150,000	Initiation		Project initiated Spring 2024 Construction anticipated in Summer 2025.
Sir Winston Churchill	Front Entrance Renovation and Ramp Replacement	\$ 150,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Viscount Montgomery	Gym Renovation Project (stage Lift)			Complete	\$ 150,000	Complete.
Waterdown	Washroom, Changeroom and Cafeteria (accessible stalls and showers)	\$ 150,000	\$ 150,000	Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Westdale	Changeroom Renovation (accessible stalls and showers)		\$ 450,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Westmount	Stage Lift			Complete	\$ 150,000	Complete.
W.H. Ballard	Washroom Renovation, Front Entrance Ramp Renovations		\$ 500,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
	Subtotal:	\$ 2,200,000	\$ 1,800,000		\$ 1,653,000	
	Funding Allocation:	\$ 1,500,000	\$ 1,500,000			
	Unallocated/ Contingency:	-\$ 700,000	-\$ 300,000			
Changeroom Renovations						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
Ancaster High	Changeroom Renovation	\$ 350,000		Construction		Multiple year project. Construction phases to continue into August 2024.
Glendale	Changeroom Renovation			Complete	\$ 1,000,000	Complete.
Dundas Valley	Changeroom Renovation			Complete	\$ 667,500	Complete.
Orchard Park	Changeroom Renovation	\$ 500,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Sir Winston Churchill	Changeroom Renovation			Complete	\$ 1,000,000	Complete.
Waterdown	Changeroom Renovation	\$ 400,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Westdale	Changeroom Renovation		\$ 800,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
	Subtotal:	\$ 1,250,000	\$ 800,000		\$ 2,667,500	
	Funding Allocation:	\$ 1,250,000	\$ 1,250,000			
	Unallocated/ Contingency:	\$ -	\$ 450,000			

Corridor Ceiling Replacement						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
AM Cunningham	New Ceilings/LED Lights in Corridors			Complete	\$ 436,000	Complete.
Adelaide Hoodless	New Ceilings/LED Lights in Corridors	\$ 500,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024. Project bundled with School Renewal Roof Replacement.
Bennetto	New Ceilings/LED Lights in Corridors			Complete	\$ 250,000	Complete.
Central	New Ceilings/LED Lights in Corridors			Complete	\$ 300,000	Complete.
Franklin Road	New Ceilings/LED Lights in Corridors		\$ 325,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
George L Armstrong	New Ceilings/LED Lights in Corridors	\$ 175,000	\$ 300,000	Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024 and take 2 years.
Hess Street	New Ceilings/LED Lights in Corridors		\$ 500,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Janet Lee	New Ceilings/LED Lights in Corridors			Complete	\$ 300,000	Complete.
Kanetskare	New Ceilings/LED Lights in Corridors			Complete	\$ 350,000	Complete.
Lake Ave.	New Ceilings/LED Lights in Corridors			Complete	\$ 300,000	Complete.
Mary Hopkins	New Ceilings/LED Lights in Corridors	\$ 250,000	\$ 250,000	Construction		Project bundled with Mechanical renovations. Tendered July 2023. Construction commenced August 2023. Project to continue into Fall 2024.
Michaelle Jean	New Ceilings/LED Lights in Corridors			Complete	\$ 300,000	Complete.
Norwood Park	New Ceilings/LED Lights in Corridors			Complete	\$ 300,000	Complete.
Parkdale	New Ceilings/LED Lights in Corridors			Complete	\$ 273,000	Complete.
Sir Allan MacNab	New Ceilings/LED Lights in Corridors	\$ 625,000	\$ 175,000	Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Viscount Montgomery	New Ceilings/LED Lights in Corridors			Complete	\$ 450,000	Complete.
	Subtotal:	\$ 1,550,000	\$ 1,550,000		\$ 3,259,000	
	Funding Allocation:	\$ 1,000,000	\$ 1,000,000			
	Unallocated/ Contingency:	-\$ 550,000	-\$ 550,000			
Dust Collectors						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
Ancaster High	Dust Collector Replacement	\$ 250,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Dundas Valley	Dust Collector Replacement	\$ 250,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Orchard Park	Dust Collector Replacement		\$ 250,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Sherwood	Dust Collector Replacement	\$ 250,000		Construction		Project bundled with Sherwood Revitalization Project; defer to notes under that project.
Sir Allan MacNab	Dust Collector Replacement		\$ 250,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Waterdown	Dust Collector Replacement		\$ 450,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Westdale	Dust Collector Replacement	\$ 250,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Westmount	Dust Collector Replacement	\$ 400,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Westmount	Dust Collector Replacement		\$ 250,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
	Subtotal:	\$ 1,400,000	\$ 1,200,000		\$ -	
	Funding Allocation:	\$ 1,000,000	\$ 1,000,000			
	Unallocated/ Contingency:	-\$ 400,000	-\$ 200,000			
Electrical						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
Mary Hopkins	HVAC Renovations (transformer upgrade)	\$ 600,000		Construction		Tendered July 2023. Construction commenced October 2023. Project to continue into Fall 2024 with transformer upgrade.
Sherwood	Transformer Replacement		\$ 1,000,000	Initiation		Project initiated Spring 2024 Construction anticipated in Summer 2025.
WH Ballard	HVAC Renovations - Phase 2 (transformer upgrade)	\$ 650,000	\$ 250,000	Construction		Phase 2 of the RTU recommenced Summer 2023. Completion anticipated Fall 2024.
	Subtotal:	\$ 1,250,000	\$ 1,250,000		\$ -	
	Funding Allocation:	\$ 1,250,000	\$ 1,250,000			
	Unallocated/ Contingency:	\$ -	\$ -			

First Floor Corridor Renovations						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
Glendale	Corridor Painting and Flooring Replacement		\$ 800,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Kanetskare	Corridor Painting and Flooring Replacement		\$ 500,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Westview	Corridor and Stairwell Painting		\$ 150,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Subtotal:		\$ -	\$ 1,450,000		\$ -	
Funding Allocation:		\$ 1,500,000	\$ 1,500,000			
Unallocated/ Contingency:		\$ 1,500,000	\$ 50,000			
Ground Signs						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
CB Stirling	Ground Sign Installation			Complete	34,000	Complete.
Helen Detwiler	Ground Sign Installation			Complete	34,000	Complete.
Hess	Ground Sign Installation	\$ 40,000		Design		Project initiated Spring 2024. Signage is being manufactured. Construction to commence Summer/Fall 2024.
RA Riddell	Ground Sign Installation			Complete	34,000	Complete.
Rousseau	Ground Sign Installation		\$ 40,000	Design		Project initiated Spring 2024. Put on Hold.
Subtotal:		\$ 40,000	\$ 40,000		\$ 102,000	
Funding Allocation:		\$ 100,000	\$ 100,000			
Unallocated/ Contingency:		\$ 60,000	\$ 60,000			
Gym Renovations						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
AM Cunningham	Gym Renovation	\$ 500,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Adelaide Hoodless	Gym Renovation			Complete	\$ 2,054,000	Complete.
Buchanan Park	Gym Renovation		\$ 300,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Central	Gym Renovation			Complete	\$ 800,000	Complete.
George L Armstrong	Gym Renovation		\$ 250,000	Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024 and take 2 years.
Hess Street	Gym Renovation	\$ 475,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Holbrook	Gym Renovation		\$ 400,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Janet Lee	Gym Renovation	\$ 400,000	\$ 50,000	Construction		Construction is complete in gym. Gym Roof top Unit (RTU) to be installed Summer 2024.
Kanetskare	Gym Renovation			Complete	\$ 934,000	Complete.
Lake Ave.	Gym Renovation			Complete	\$ 566,000	Complete.
Michaëlle Jean	Gym Flooring Renovations			Complete	\$ 100,000	Complete.
Norwood Park	Gym Renovations	\$ 350,000		Construction		Construction commenced in summer 2023. Gym Roof Top Unit (RTU) to be installed Summer 2024.
Parkdale	Gym Renovation	\$ 250,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Viscount Montgomery	Gym Renovations			Complete	\$ 550,000	Complete.
Subtotal:		\$ 1,975,000	\$ 1,000,000		\$ 5,004,000	
Funding Allocation:		\$ 1,750,000	\$ 1,750,000			
Unallocated/ Contingency:		-\$ 225,000	\$ 750,000			

Interior Renovations & Painting						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
Ancaster High	Hospitality and Tourism		\$ 1,000,000	Construction		Multiple year Project. Construction phases to continue into August 2024.
George L Armstrong	Art, Science, and Learning Commons renovations	\$ 300,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024 and take 2 years.
Glendale	Cafeteria Renovation			Complete	\$ 174,000	Complete.
Janet Lee	Science, and Art Room Renovation			Complete	\$ 200,000	Complete.
Kanetskare	Science, and Art Room Renovation			Complete	\$ 250,000	Complete.
Parkdale	Kindergarten Renovations			Complete	\$ 380,000	Complete.
Sherwood	Secondary School Revitalization	\$ 9,522,332		Construction		Bundled with proceeds of disposition. Construction ongoing from 2022-23 school year. Construction completion anticipated mid-June 2024.
Sir Isaac Brock	Interior Renovation	\$ 1,500,000		Construction		Project initiated Summer 2023. Construction started January 2024. Completion anticipated for August 2024.
Sir Winston Churchill	Cafeteria Renovation			Complete	\$ 300,000	Complete.
Sir Winston Churchill	Manufacturing Room Renovation	\$ 850,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024. Project bundled with benchmark strategy.
Sir Winston Churchill	Stairwell Renovations			Complete	\$ 250,000	Complete.
Waterdown	Cafeteria Renovation	\$ 200,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Westdale	Cafeteria Renovation			Complete	\$ 213,000	Complete.
Westmount	Cafeteria Renovation			Complete	\$ 340,000	Complete.
Yorkview	Stairwell Renovation			Complete	\$ 230,000	Complete.
	Subtotal:	\$ 12,372,332	\$ 1,000,000		\$ 2,337,000	
	Funding Allocation:	\$ 1,300,000	\$ 1,300,000			
	Unallocated/ Contingency:	-\$ 11,072,332	\$ 300,000			
Lockdown Hardware						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
Ancaster Senior	Lockdown Hardware			Complete	\$ 25,000	Complete.
Lisgar	Lockdown Hardware			Complete	\$ 25,000	Complete.
Various	Lockdown Speakers			Complete	\$ 78,000	Complete.
	Subtotal:	\$ -	\$ -		\$ 128,000	
	Funding Allocation:	\$ 250,000	\$ 250,000			
	Unallocated/ Contingency:	\$ 250,000	\$ 250,000			
Main Entrance and Foyer Renovations						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
Orchard Park	Main Entrance & Foyer Enhancement		\$ 1,000,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Sherwood	Secondary School Revitalization	\$ 1,000,000		Construction		Bundled with proceeds of disposition. Construction ongoing from 2022-23 school year. Construction completion anticipated mid-June 2024.
Waterdown	Main Entrance & Foyer Enhancement		\$ 500,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
WH Ballard	HVAC Renovations - Phase 2 (Main Foyer Updates)	\$ 500,000		Construction		Phase 2 of the RTU recommenced Summer 2023. Completion anticipated Fall 2024.
	Subtotal:	\$ 1,500,000	\$ 1,500,000		\$ 128,000	
	Funding Allocation:	\$ 1,500,000	\$ 1,500,000			
	Unallocated/ Contingency:	\$ -	\$ -			

Mechanical Upgrades						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
Ancaster High	Washroom and Changeroom Renovation (piping replacement)	\$ 400,000	\$ 400,000	Construction		Multiple year project. Construction phases to continue into August 2024.
Earl Kitchener	HVAC Renovations			Complete	\$ 3,250,000	Complete.
GL Armstrong	Gym RTU	\$ 400,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Glendale	Boiler & AHU Replacement	\$ 700,000	\$ 1,000,000	Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Gordon Price	Gym RTU	\$ 500,000		Design		Project initiated Summer 2023. Redesign required due to structural concerns. Construction anticipated in Summer 2025.
Hess Street	Gym RTU		\$ 400,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Highview	Heat & Water Distribution Replacement	\$ 550,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Hill Park	Boiler & Pump Replacement		\$ 1,250,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Mary Hopkins	HVAC Renovations	\$ 900,000	\$ 1,000,000	Construction		Tendered July 2023. Construction commenced October 2023. Project to continue into Fall 2024.
Parkdale	HVAC Renovations			Complete	\$ 2,735,000	Complete.
WH Ballard	HVAC Renovations - Phase 1			Complete	\$ 2,380,000	Complete.
WH Ballard	HVAC Renovations - Phase 2	\$ 4,000,000	\$ 700,000	Construction		Phase 2 of the RTU recommenced Summer 2023. Completion anticipated Fall 2024.
	Subtotal:	\$ 7,450,000	\$ 4,750,000		\$ 8,365,000	
	Funding Allocation:	\$ 4,250,000	\$ 4,250,000			
	Unallocated/ Contingency:	-\$ 3,200,000	-\$ 500,000			
Music Room Renovations						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
Franklin Road	Music Room Renovation		\$ 100,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
George L Armstrong	Music Room Renovation	\$ 100,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Janet Lee	Music Room Renovation			Complete	\$ 100,000	Complete.
Kanetskare	Music Room Renovation			Complete	\$ 100,000	Complete.
Lisgar	Music Room Renovation		\$ 125,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
	Subtotal:	\$ 100,000	\$ 225,000		\$ 200,000	
	Funding Allocation:	\$ 250,000	\$ 250,000			
	Unallocated/ Contingency:	\$ 150,000	\$ 25,000			
Other						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
CB Stirling	Portapak Demolition			Complete	\$ 420,000	Complete.
Dundas Valley	Black Box Renovation			Complete	\$ 547,000	Complete.
Flamborough Centre	Septic System Replacement	\$ 1,500,000		Design		Project initiated Fall 2023. Construction anticipated in 2024/25 school year pending MECP approvals.
Various	Anniversary Spruce Up		\$ 82,500	Ongoing		Ongoing.
	Subtotal:	\$ 1,500,000	\$ 82,500		\$ 967,000	
	Funding Allocation:	\$ 1,000,000	\$ 1,000,000			
	Unallocated/ Contingency:	-\$ 500,000	\$ 917,500			

Paving & Site Renovations						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
AM Cunningham	FDK Artificial Turf Installation and expansion			Complete	\$ 75,000.00	Complete.
Ancaster High	Parking Lot Paving - Phase 2			Complete	\$ 555,000	Complete.
Ancaster High	Parking Lot Paving - Phase 3	\$ 500,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Ancaster High	Parking Lot Paving - Phase 4 (final)		\$ 500,000	Initiation		Project initiated Spring 2024 Construction anticipated in Summer 2025.
Balaclava	Parking Lot Paving	\$ 500,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Central	Playground Paving			Complete	\$ 85,000	Complete.
Chedoke	Playground Paving			Complete	\$ 133,000	Complete.
Eastdale	Parking Lot Expansion	\$ 250,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Helen Detwiler	Parking Lot Paving	\$ 450,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Hess	Playground Paving & Artificial Turf			Complete	\$ 943,000	Complete.
Janet Lee	Parking Lot Paving			Complete	\$ 400,000	Complete.
Kanetskare	Parking Lot Paving			Complete	\$ 180,000	Complete.
Lake Ave.	Playground Paving			Complete	\$ 100,000	Complete.
Mountview	Parking Lot Paving			Complete	\$ 114,000	Complete.
Parkdale	Parking Lot Paving			Complete	\$ 178,000	Complete.
Queen Mary	Playground Paving & Artificial Turf	\$ 700,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Ridgemount	Playground Paving			Complete	\$ 153,000	Complete.
Rousseau	Parking Lot Paving		\$ 90,504	Initiation		Project initiated Spring 2024 Construction anticipated in Summer 2025.
Sherwood	Artificial Turf Field	\$ 3,000,000		Construction		Construction commenced Spring 2024. Construction completed anticipated for August 2024.
Viola Desmond	Parking Lot Expansion	\$ 150,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Westdale	Artificial Turf Field			Complete	\$ 1,642,000	Complete.
Yorkview	Playground Paving		\$ 500,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
	Subtotal:	\$ 5,550,000	\$ 1,090,504		\$ 4,558,000	
	Funding Allocation:	\$ 1,750,000	\$ 1,750,000			
	Unallocated/ Contingency:	-\$ 3,800,000	\$ 659,496			
Roofing Replacements						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
Ancaster High	Roof Replacement			Complete	\$ 1,154,000	Complete.
Buchanan Park	Roof Replacement	\$ 600,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
CB Stirling	Roof Replacement			Complete	\$ 615,000	Complete.
Dundana	Roof Replacement	\$ 500,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Dundas Central	Roof Replacement	\$ 750,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Glendale	Roof Replacement - Phase 1			Complete	\$ 775,000	Complete.
Glendale	Roof Replacement - Phase 2	\$ 860,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Gordon Price	Roof Replacement - Phase 1			Complete	\$ 605,000	Complete
Gordon Price	Roof Replacement - Phase 2		\$ 500,000	Initiation		Project initiated Spring 2023. Put on hold to complete Roof Top Unit (RTU) replacement required. Reinitiated Spring 2024. Construction anticipated in Summer 2025.
Helen Detwiler	Roof Replacement			Complete	\$ 1,502,000	Complete.
Hill Park	Roof Replacement - Phase 1			Complete	\$ 985,000	Complete.
Hill Park	Roof Replacement - Phase 2	\$ 1,200,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Mount Hope	Roof Replacement			Complete	\$ 302,000	Complete.
Richard Beasley	Roof Replacement	\$ 500,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Strathcona	Roof Replacement	\$ 500,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Yorkview	Roof Replacement			Complete	\$ 242,000	Complete.
	Subtotal:	\$ 3,910,000	\$ 500,000		\$ 6,180,000	
	Funding Allocation:	\$ 1,000,000	\$ 1,000,000			
	Unallocated/ Contingency:	-\$ 2,910,000	\$ 500,000			

Security Projects						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
Various	Security - Secondary School Access Cards	\$ 250,000	\$ 250,000	Ongoing		Ongoing.
	Subtotal:	\$ 250,000	\$ 250,000			
	Funding Allocation:	\$ 250,000	\$ 250,000			
	Unallocated/ Contingency:	\$ -	\$ -			
Student Washroom Renovations						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
Ancaster High	Student Washroom Renovation	\$ 750,000		Construction		Multiple year project. Construction phases to continue into August 2024.
Buchanan Park	Student Washroom Renovation		\$ 700,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Central	Student Washroom Renovation	\$ 650,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Dundas Valley	Student Washroom Renovation			Complete	\$ 667,500	Complete.
Eastdale	Student Washroom Renovation	\$ 200,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Franklin Road	Student Washroom Renovation		\$ 300,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
George L Armstrong	Student Washroom Renovation	\$ 200,000	\$ 800,000	Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024 and take 2 years.
Glendale	Student Washroom Renovation			Complete	\$ 1,000,000	Complete.
Hess Street	Student Washroom Renovation	\$ 475,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Highview	Student Washroom Renovation		\$ 600,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Janet Lee	Student Washroom Renovation			Complete	\$ 500,000	Complete.
Memorial City	Student Washroom Renovation	\$ 800,000		Construction		Project initiated Spring 2023. Construction started January 2024. Completion anticipated July 2024.
Michaëlle Jean	Student Washroom Renovation			Complete	\$ 500,000	Complete.
Millgrove	Student Washroom Renovation	\$ 350,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Norwood Park	Student Washroom Renovation			Complete	\$ 400,000	Complete.
Orchard Park	Student Washroom Renovation	\$ 500,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Pauline Johnson	Student Washroom Renovation	\$ 500,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Richard Beasley	Student Washroom Renovation		\$ 600,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Sir Winston Churchill	Student Washroom Renovation			Complete	\$ 1,677,000	Complete.
Yorkview	Student Washroom Renovation			Complete	\$ 445,000	Complete.
Waterdown	Student Washroom Renovation	\$ 400,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
W.H. Ballard	Student Washroom Renovation		\$ 1,000,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
	Subtotal:	\$ 4,825,000	\$ 4,000,000		\$ 5,189,500	
	Funding Allocation:	\$ 4,000,000	\$ 4,000,000			
	Unallocated/ Contingency:	-\$ 825,000	\$ -			
Windows and Exterior Door Replacement Renovations						
School	Description	Budget (2023/24)	Budget (2024/25)	Phase	Final Cost	Project Status
Balaclava	Window and Door Replacement			Complete	\$ 302,000	Complete.
Billy Green	Window and Door Replacement			Complete	\$ 331,000	Complete.
CB Stirling	Window and Door Replacement	\$ 700,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Central	Window and Door Replacement			Complete	\$ 596,000	Complete.
Dundas Valley	Window Replacement (Circle)			Complete	\$ 940,000	Complete.
Glendale	Window and Door Replacement			Complete	\$ 2,250,000	Complete.
Helen Detwiler	Window and Door Replacement			Complete	\$ 407,000	Complete.
Janet Lee	Window and Door Replacement			Complete	\$ 294,000	Complete.
Lincoln Alexander	Window and Door Replacement		\$ 700,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Lisgar	Window and Door Replacement		\$ 700,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Michaëlle Jean	Window and Door Replacement			Complete	\$ 300,000	Complete.
Mount Albion	Window and Door Replacement			Complete	\$ 616,000	Complete.
Richard Beasley	Window and Door Replacement		\$ 700,000	Initiation		Project initiated Spring 2024. Construction anticipated in Summer 2025.
Sir Wilfrid Laurier	Window and Door Replacement			Complete	\$ 691,000	Complete.
Westview	Window and Door Replacement	\$ 500,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
Yorkview	Window and Door Replacement	\$ 500,000		Tender/Award		Project tendered Spring 2024. Construction to commence Summer 2024.
	Subtotal:	\$ 1,700,000	\$ 2,100,000		\$ 6,727,000	
	Funding Allocation:	\$ 2,100,000	\$ 2,100,000			
	Unallocated/ Contingency:	\$ 400,000	\$ -			

Capital Priorities					
School	Description	Multiple Year Budget	Phase	Final Cost	Project Status
Binbrook II	New 615 pp K-8 elementary school	\$ 13,528,858	Initiation		Request for Proposal (RFP) to Prime Consultants issued May 2024.
New Nash	New 650 pp K-8 elementary school with 3 room child care	\$ 16,667,921	Design		Site Plan application submitted to City of Hamilton. Approval To Proceed (ATP) issued to Ministry. Motion to 'Pause' the project for further investigations regarding concerns with the GFL Stoney Creek Regional Facility was passed. Project remains 'Paused'.
Viola Desmond	New 682 pp K-8 elementary school with 3 room child care		Complete	\$ 16,288,674	Complete.
New Waterdown ES	New 650 pp K-8 elementary school with 5 room child care	\$ 22,000,000	Design		Ministry approval received April 2024. Consultant procured May 2024. Design underway.
Mount Hope Addition	165 pp addition (1 Kindergarten, 6 classrooms with 5 room child care)	\$ 9,000,000	Design		Ministry approval received April 2024. Consultant procured May 2024. Design underway.
Subtotal:		\$ 61,196,779		\$ 16,288,674	
Total Capital Priorities Funding Allocation:		\$ 77,485,453			

School Consolidation Capital

N/A

Child Care Retrofits

N/A

Proceeds of Disposition

School	Description	Multiple Year Budget	Phase	Final Cost	Project Status
AM Cunningham	Elevator Installation	\$ 1,650,000	Initiation		Ministry approval received May 2024. Project initiated Spring 2024. Construction anticipated in Summer 2025.
Bennetto	Elevator, Stair Lifts & Universal Washroom	\$ 1,800,000	Initiation		Ministry approval received May 2024. Project initiated Spring 2024. Construction anticipated in Summer 2025.
Parkdale	Elevator & Universal Washroom	\$ 1,800,000	Initiation		Ministry approval received May 2024. Project initiated Spring 2024. Construction anticipated in Summer 2025.
Rosedale	Gym Addition	\$ 3,000,000	Design		Ministry approval received Spring 2023. Construction to commence Summer 2024 and continue into 2024/25 SY.
Sherwood	Secondary School Revitalization	\$ 4,227,668	Construction		Construction ongoing. Substantial anticipated Mid-June 2024.
Viola Desmond	New 682 pp K-8 elementary school with 3 room child care		Complete	\$ 603,000	Complete.
Subtotal:		\$ 12,477,668		\$ 603,000	
Total POD Funding Allocation:		\$ 13,080,668			

Total Capital Project Funding Allocations: (2021-2026) \$ 211,441,457



FINANCE AND FACILITIES COMMITTEE

June 11, 2024

2024 Long-Term Facilities Plan

Submitted By: Sheryl Robinson Petrazzini, Director of Education

Prepared By: Matthew Gerard, Associate Director, Business Services & Treasurer
David Anderson, Senior Manager, Facility Services
Ellen Warling, Manager, Planning, Accommodation & Rentals
Ian Hopkins, Senior Planner, Planning, Accommodation & Rentals

Recommendation:

That the 2024 Long-Term Facilities Plan be received.

Background:

Hamilton-Wentworth District School Board (HWDSB) is committed to providing equitable, affordable, and sustainable learning facilities for students. To address the numerous facets related to this mandate and to provide clear direction, HWDSB, led by the Facility Services Department, has produced the Long-Term Facilities Plan (LTFP) to guide us toward achieving sustainable facilities. The LTFP is meant to be an online document with embedded links to websites and reports that will be updated on a regular basis. The goal is to ensure that the LTFP has current and relevant information beyond the date of its publication. The document is broken down into three main sections which include: Planning and Accommodation, Capital Projects and Facility Operations. Each section represents one of the three divisions that make up the Facility Services.

Status:

At the [May 13, 2024 Board Meeting](#), Trustees received and approved the Long-Term Facilities Plan Guiding Principles which are the framework that Facility Services follow when completing capital project submissions, boundary reviews, pupil accommodation reviews, capital projects and long-term capital planning.

At the June 10, 2024, Board Meeting, Trustees will receive the Accommodation Strategy Schedule and approved the initiation of the East Hamilton/Lower Stoney Creek Boundary review in the fall of 2024.

Updates to the LTFP include new data as it relates to enrolment, capital renewal, and facility condition. Additional information related to preventative maintenance plans is also updated annually.

The 2024 Long-Term Facilities Plan sections are as follows:

Section 1.0 - Planning & Accommodation

1.1 Community Profile: This section analyzes population, residential development, immigration and live birth trends and their potential impact on enrolment trends.

1.2 Enrolment & Capacity Trends: This section summarizes student yields and apportionment rates along with historical and projected elementary and secondary enrolment.

1.3 Property: This section provides an overview of new Ontario Regulation 374/23: Acquisition and Disposition of Real Property, an overview of for sale, vacant and surplus HWDSB properties and an overview HWDSB's Educational Development Charge by-law.

1.4 Planning Areas: This section provides historic/projected enrolment, maps, facility information and a breakdown of historic and proposed accommodation strategies by elementary and secondary planning areas. The planning areas allow for comprehensive and in-depth analysis of each area of the city.

1.5 Facility Partnerships: This section provides an overview of HWDSB's facility partnership initiative and schools with surplus space.

1.6 Accommodation Strategy Schedule: The Accommodation Strategy Schedule recaps completed accommodation strategies since the 2021-2022 and outlines possible future accommodation strategies identified by staff. The Accommodation Strategy Schedule is broken down by planning area.

Section 2.0 - Capital Projects

2.1 Capital Projects Plan: This section reviews the Annual Capital Plan, elementary/secondary facility benchmarks, school design guidelines and capital funding received since 2012.

2.2 Facility Assessment: This section provides information regarding how facility assessments are completed, and a description of the classifications used in facility assessment. This section also provides the facility assessment status of all HWDSB schools.

Section 3.0 - Facility Operations

3.0 This section outlines HWDSB's preventative maintenance plan and the strategies to reduce energy consumption and demand management.

Financial Implications:

The work completed under the long-term facilities plan (to align to the MYSP) is funded by several sources including School Condition Improvement (SCI), School Renewal Allocation (SRA), Capital Priorities, and Proceeds of Disposition (POD).

Strategic Directions:**Building a Sustainable Education System**

We will adapt to a rapidly changing world through responsible fiscal management, investing equitably in accessible and sustainable facilities, and supporting a robust workforce.

LONG-TERM FACILITIES PLAN



2024 Long-Term Facilities Plan Introduction

Hamilton-Wentworth District School Board (HWDSB) is committed to providing equitable, affordable, and sustainable learning facilities for students. To address the numerous facets related to this mandate and to provide clear direction, HWDSB, led by Facility Services, has produced the Long-Term Facilities Plan (LTFP) to guide us in managing and improving HWDSB's facilities. The Long-Term Facilities Plan is meant support and promote the goals of the [Multi-Year Strategic Plan](#), [Board Improvement Plan](#), [Human Rights Policy](#), [Multi-year Accessibility Plan](#), [Indigenous Education Circle Strategic Action Plan](#) and other [HWDSB Policies](#) and Plans

The LTFP is meant to be an online and living document with embedded links to websites and reports that will be updated on a regular basis. The goal is to ensure that the LTFP has current and relevant information beyond the date of its publication. The document is broken down into three main sections which include: Planning and Accommodation, Capital Projects and Facility Operations. Each section represents one of the three departments that make up the Facility Services.

The purpose of the Long-Term Facilities Plan:

1. Provide a framework for decision making regarding existing and future HWDSB facilities.
2. Provide background information with respect to HWDSB's capital plan, maintenance plan and accommodation plan.
3. Provide a long-term accommodation strategy schedule.

The LTFP captures the current and future state of HWDSB. This document illustrates past, present and future enrolments as well as the factors that influence student enrolments (e.g., demographics, birth rates, residential development, etc.). The plan identifies future and current accommodation strategies through the accommodation strategy schedule (boundary reviews, capital priority submissions, land purchases, pupil accommodation reviews, etc.) The accommodation strategy schedule is broken down into planning areas which allows for comprehensive and in-depth analysis of each area of the city. Analysis of accommodation/utilization issues and facility needs are done on a smaller scale to determine the right solution for each planning area.

The LTFP reviews the Annual Capital Plan, elementary/secondary facility benchmarks and school design manuals. The annual capital plan and its supporting documents guide the Capital Projects division to ensure that all new school builds, additions and renovations meet a capital and program standard established by the Board.

Finally, the LTFP outlines the Facility Operation's preventative maintenance plan and the strategies to reduce energy consumption and demand management.

Content:

Guiding Principles

Section 1: Planning & Accommodation

- 1.1 Community Profile:** This section analyzes population, residential development, immigration and live birth trends and their potential impact on enrolment trends.
- 1.2 Enrolment & Capacity Trends:** This section summarizes student yields and apportionment rates along with historical and projected elementary and secondary enrolment.
- 1.3 HWDSB Property:** This section provides an overview of new Ontario Regulation 374/23: Acquisition and Disposition of Real Property, an overview of for sale, vacant and surplus HWDSB properties and an overview HWDSB's Educational Development Charge by-law.
- 1.4 Planning Areas:** This section provides historic/projected enrolment, maps, facility information and a breakdown of historic and proposed accommodation strategies by elementary and secondary planning area. Planning areas allow for comprehensive and in-depth analysis of each area of the city.
- 1.5 Facility Partnerships:** This section provides an overview of HWDSB's facility partnership initiative and schools with surplus space.
- 1.6 Accommodation Strategy Schedule:** The Accommodation Strategy Schedule recaps completed accommodation strategies since the 2021/2022 and outlines possible future accommodation strategies identified by staff. The Accommodation Strategy Schedule is broken down by planning area.

Section 2: Capital Projects Plan:

- 2.1 Capital Planning:** This section reviews the Annual Capital Plan, elementary/secondary facility benchmarks, school design guidelines and capital funding received since 2012.
- 2.2 Facility Assessment:** This section provides information regarding how facility assessments are completed, and a description of the classifications used in facility assessment. This section also provides the facility assessment status of all HWDSB schools.

Section 3: Facility Operations: This section outlines HWDSB's preventative maintenance plan and the strategies to reduce energy consumption and demand management.

Additional Information:

[Elementary Thematic Maps](#)

[Secondary Thematic Maps](#)

Long-Term Facilities Plan Guiding Principles

To ensure that Hamilton-Wentworth District School Board (HWDSB) provides equitable, affordable and sustainable learning facilities, the following Long-Term Facilities Plan (LTFP) Guiding Principles have been created. The Guiding Principles are the framework that Facility Services follow when completing capital project submissions, boundary reviews, pupil accommodation reviews, capital projects and long-term capital planning. The following Guiding Principles support and promote the goals of the [Multi-Year Strategic Plan](#), [Board Improvement Plan](#), [Human Rights Policy](#), [Multi-year Accessibility Plan](#), [Indigenous Education Circle Strategic Action Plan](#) and other [HWDSB Policies](#) and Plans. All recommendations within the Long-Term Facilities Plan are intended to:

1. Support quality and accessible learning, working, and teaching environments by maximizing opportunities to invest in new and improved sustainable school facilities.
2. Maximize student accommodation within permanent purpose-built learning spaces. Ensure schools are constructed to meet the sustainable long-term accommodation needs of a neighbourhood (optimal utilization rates of school facilities are in the range of 90%-110%) while recognizing the use of temporary accommodations are required to accommodate peak neighborhood enrolment.
3. Minimize transitions and impacts on students when implementing accommodation strategies.
4. Provide innovative facility design which maximize students' access to equitable, quality and collaborative educational learning spaces to support the elementary and secondary program strategies.
5. Promote active and sustainable forms of transportation through planning, boundary creation and school site design while adhering to the HWDSB Transportation Policy on maximum travel time one way on a vehicle.
6. Improve accessibility within our built environments as per the Multi-Year Accessibility Plan; providing environments that build independence, dignity, respect for students, families, the community, and staff and maximizes participation. Apply inclusive design principles by emphasizing dignity, inclusion, accessibility, barrier-free environments and meaningful participation of individuals and groups with diverse identities and varying levels of ability.
7. Support the shared use of facilities by promoting opportunity of access for students and the broader community and seek opportunities for facility partnerships.
8. Support collaboration through meaningful student, family and community engagement.

Long-Term Facilities Plan Guiding Principles

9. Specific principles related to elementary and secondary panels:

Elementary

- a. School Capacity – optimal school capacity would be 450 to 650 students, which creates two to three classes for each grade.
- b. School Grade/Organization – Kindergarten to Grade 8 facilities.
- c. School Site Size – optimal elementary school site includes play fields, parking lot and building. For new site acquisition, optimal size approximately 6-8 acres and for existing schools, site size is based on local neighbourhood characteristics.
- d. In dual track schools, enrolment between French Immersion and English track should ensure that the balance supports ideal program delivery. i.e. There should be balance of French and English program enrolments to foster a successful learning experience for every student based upon HWDSB's elementary program strategy.

Secondary

- a. School Capacity – optimal school capacity would be 1,000 to 1,400 students.
- b. School Site Size – optimal secondary school site includes a sports field, parking lot and building. For new site acquisition, optimal size is approximately 13-16 acres and for existing schools, site size is based on local neighbourhood characteristics.

*NOTE: The principles are intended to be guides to inform our work. Local parameters may influence the thresholds above (in #9).

Section 1: Accommodation and Planning

Section 1.1: Community Profile

Population Growth

From 2016 to 2021, the City of Hamilton's population increased from 536,917 to 569,353, a 6% increase. The 6.0% increase surpassed Ontario's 5.8% population growth over the same period and surpassed Hamilton's 2011 to 2016 growth percentage by 3%. (Statistics Canada, 2022a) Hamilton's population has been steadily increasing since 2011 and with that the population's age structure has changed. The most notable change in Hamilton's age structure since 2011 is the continued growth of the senior population (age 55+). This generation was responsible for much of Hamilton's school infrastructure growth from the 1950's to the 1970's and is now contributing to Hamilton's and Ontario's overall aging population.

Another significant change in Hamilton's age structure since 2011 that has and will impact school age student population is the 27% increase in the 25-39 age cohort. Recent statistics have indicated that childbearing has become more popular for woman in their late 20s and early 30s (Statistics Canada, 2015). Growth in the childbearing age cohorts over the past 10 years has had a positive impact the number of children aged 0-14. The 0-4 and 5-9 age cohorts have increased 6% and 9.6% since 2011. Growth in the 0-4 cohorts and other factors such as immigration has resulted in a slow and stable growth in HWDSB kindergarten and primary aged students since 2011.

With a growing 0-4 age cohort, growth in the kindergarten and primary aged cohorts, it is expected that HWDSB's elementary enrolment will remain stable in many existing neighbourhoods and grow in areas of new development.

Fertility

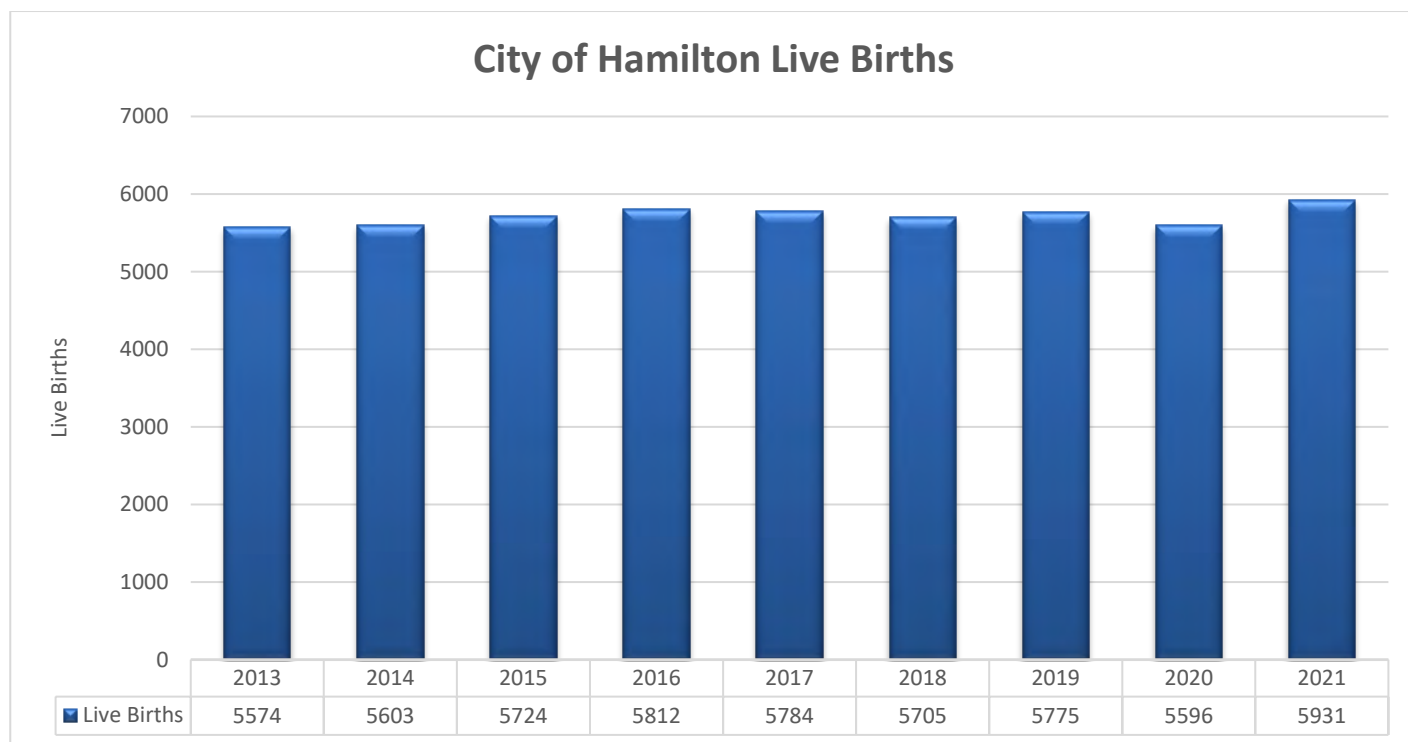
Fertility rate of an existing population is one the main driving factors in population growth. The Total Fertility Rate (TFR) is the total number of children born per woman if they were to reach the end of their childbearing years. The TFR in Canada and throughout the world has fallen drastically over the past 70 years. In 2022, Ontario's estimated total fertility rate was 1.27 children per woman which decreased from 1.52 in 2016. (Statistics Canada, 2024) This is significantly lower than the peak baby boom era fertility rate reached 3.8 children per woman. The replacement population TFR is 2.1 children per woman, meaning for a population to maintain its current level each woman in their childbearing years must have on average 2.1 children. Due to Canada's and Ontario's lower fertility rate, the country and province will be dependent on immigration and migration to maintain population growth.

Recent demographics have indicated that the family creation process is occurring later in life which directly impacts the number of children each family may have. In 1991, Ontario's the average age of mother at childbirth was 28.4 years old while in 2021 it was 32.1 years old. Over this same period the TFR fell from 1.7 to 1.37. (Statistics Canada, 2023) The age 30-34 cohort increased to one of the largest 5-year cohorts in Hamilton in 2021. This again indicates that number of births in Hamilton should at a minimum remain stable and could potentially grow as larger cohorts move into the typical childbearing years.

2024 Long-Term Facilities Plan Section 1.1: Community Profile

The number of live births per year in Ontario has generally been decreasing since the early 1990s. In the early 1990s Ontario was averaging approximately 150,000 live births per year. Throughout the 1990s the number fell drastically to less than 130,000 per year but since 2010 has stabilized averaging approximately 140,000 births per year. (Statistics Canada, 2023)

In Hamilton, the number of live births between 2013 and 2021 has shown the same recent stable trends as the province. The chart below indicates the number of live births in Hamilton since 2013. Residents of Hamilton have been averaging approximately 5,700 live births per year since 2013 with 2021 producing the most live births over that period of time. (Better Outcomes Registry Network, 2023)



(Better Outcomes Registry Network, 2023)

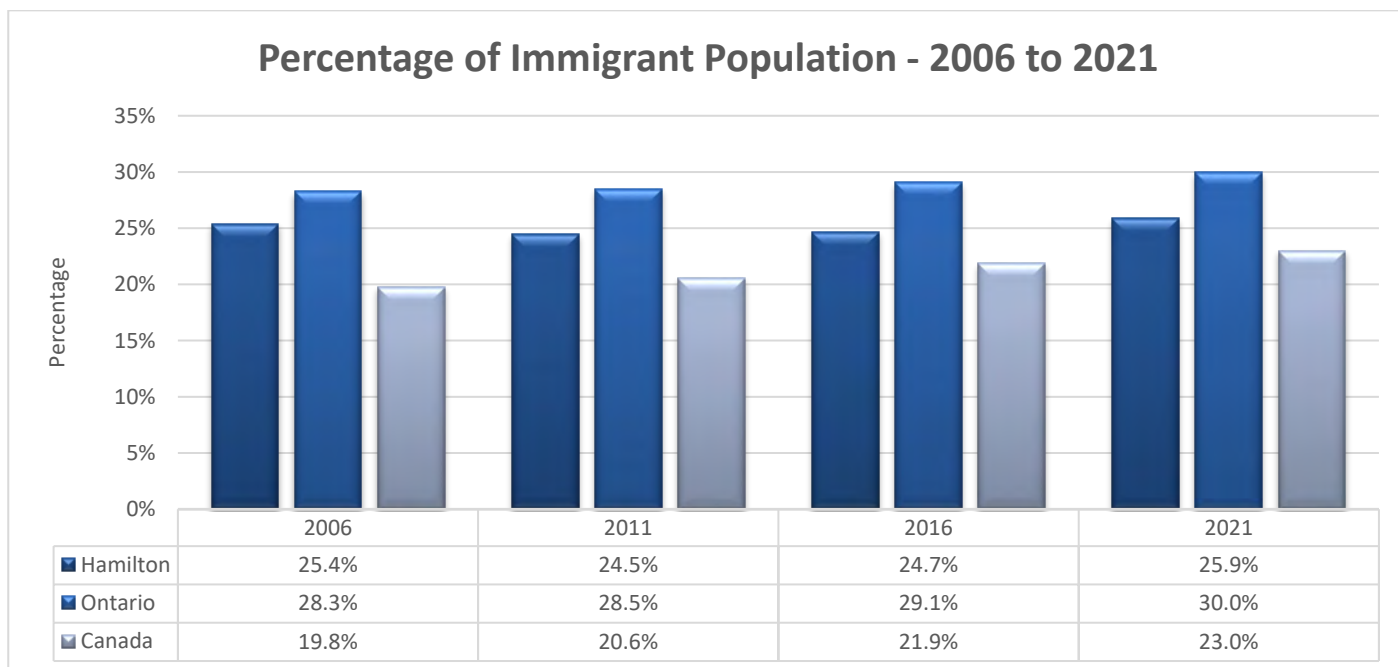
Areas with the highest count of live births since 2013 include Binbrook, Winona, Upper Stoney Creek and Downtown Hamilton which includes Bennetto, Central, Dr Davey and Queen Victoria (Better Outcomes Registry Network, 2023). Schools within these geographic regions typically yield some of the largest Kindergarten enrolments in the Board. Historic enrolment projections also provide an insight into the anticipated future kindergarten enrolment in an area. Historic enrolment trends are reviewed annually to ensure JK projections are in line with the ongoing trends in a community.

HWDSB will continue to monitor live birth data and historic enrolment to inform enrolment projections and ensure they are trending in the same manner.

Immigration and Mobility

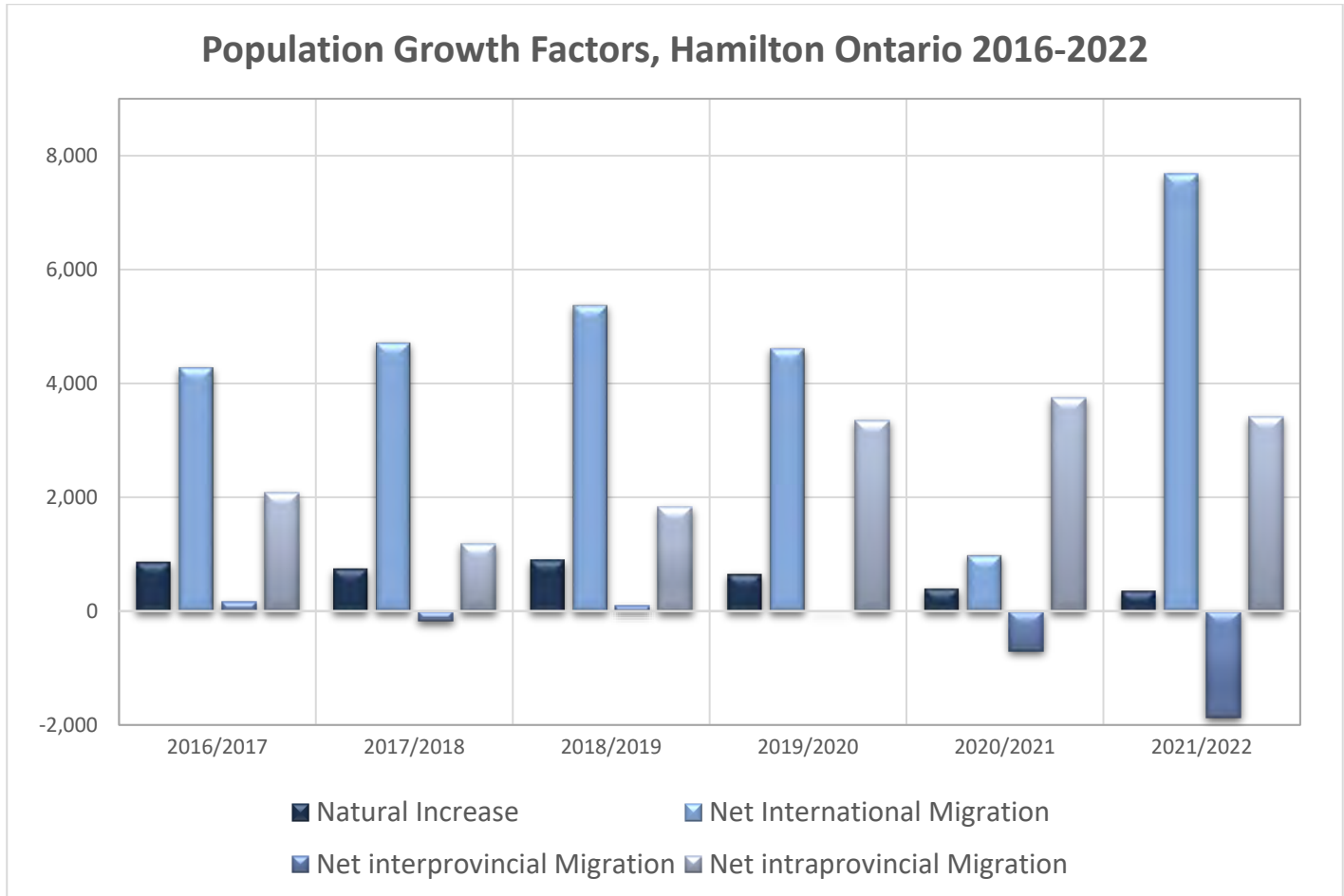
Immigration is the main driving force of Canada’s, Ontario’s and Hamilton’s population growth. According to the 2021 census, approximately 26% of Hamilton’s population identified themselves as a newcomer and 2.3% were non-permanent residents. Compared to Ontario, approximately 30% of people identified themselves as newcomers and 2.8% were non-permanent residents. Between 2016 and 2021, approximately 20,145 newcomers settled in Hamilton. Between 2011 and 2016 only 13,150 newcomers settled in Hamilton. (Statistics Canada, 2023a)

Since 2006, on average 25% of Hamilton’s total population have been identified as immigrants. This indicates that the number of newcomers settling in Hamilton over the past 15 years has remained consistent relative to the population of Hamilton. The chart below depicts Hamilton’s percentage of immigrant population in comparison to Ontario and Canada. Hamilton’s percentage of immigrant population has been consistently higher than the Canadian average yet lower than the Ontario average. Areas with the highest percentage of immigrant population in Ontario are in the Greater Toronto Area. Percentages of immigrants in the Regions of York, Peel and City of Toronto range from 46-51%. (Statistics Canada, 2023a)



(Statistics Canada, 2023a)

Mobility data takes into account not only the number of international migrants but also the number of people who move in and out of Hamilton from other provinces, cities, towns and municipalities. From July 2021 to July 2022, census Canada estimates that Hamilton’s population grew by approximately 9,600. These estimates consider natural increase (births vs deaths), net international migration, net intraprovincial migration (within Ontario) and net interprovincial migration (outside of Ontario but within Canada). Below is a 6-year history of Hamilton’s population growth factors.



(Statistics Canada, 2023a)

The chart above shows that Hamilton's net international migration numbers continue to trend upwards. July 2021 to July 2022 was a 5 year high with approximately 7,700 newcomers moving to Hamilton within that one-year period. The chart also shows the impact of the COVID-19 pandemic on population. In 2020/21 net international migration was well below the 5-year average as government mandated reduced immigration. The number of intra and interprovincial migration changed starting in 2019-2020. Due to government mandating remote working policies, many people decided to move away from major urban centres in favour of smaller communities. Starting in 2020 the chart above depicts a significant change in intraprovincial migration as Hamilton benefited from many people's decision to leave the Greater Toronto Area. The following two years of data showed a similar number of people moving to Hamilton from other Ontario communities, but it also showed a large number of people leaving the province based on the interprovincial migration data. Overall, the net change in population has been positive for Hamilton.

The overall impact of the pandemic and newly formed demographic mobility trends will continue to have an impact on Hamilton's overall population including school aged children. Planning and accommodation will continue to track large scale demographic changes and the impacts to school level enrolment. New trends will be incorporated into future sets of enrolment projections.

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Section 1.1: Community Profile

Population Projections & Growth Management

According to A Place to Grow: Growth Plan for the Greater Golden Horseshoe, by 2051, the City of Hamilton is expected to grow and achieve a population of 820,000 with 332,000 homes.

	2021 Census	2031	2041	2051
Population	569,353	652,000	733,000	823,000
Dwellings	222, 805	258,000	295,000	332,000

(Hemson Consulting LTD., 2020)

A Place to Grow provides a framework for growth in the Greater Golden Horseshoe (GGH) and outlines where and how the region will develop land over the next 30 years. The basic goal of the growth plan is to ensure lands are developed to meet the current and future needs of the community while protecting environmentally sensitive and resource abundant areas. Current and future land use needs include lands for employment, housing, agriculture, infrastructure and services. The Plan outlines minimum intensification and density target requirements which municipalities must plan to achieve. Municipalities are also required to conform to the Provincial Policy Statement and other provincial land use planning documents which are specific to certain geographic areas of Ontario. In addition to the Growth Plan for the GGH, the City of Hamilton must also conform with the Niagara Escarpment Plan, the Greenbelt Plan and the Parkway Belt West Plan.

All municipalities including Hamilton have an Official Plan which guides both short and long-term land use planning using Hamilton's area specific policies, values and interest but also incorporates the framework of the above-mentioned Provincial Plans. In November 2021, City of Hamilton submitted a no urban boundary expansion Official Plan to the Ministry of Municipal Affairs and Housing (MMHA). In November 2022, the MMAH released a decision to modify the Official Plan which among other items included urban expansion areas. On December 6, 2023, the Province of Ontario officially rescinded the majority of the provincial modifications to Hamilton Official Urban Plan which restored the City of Hamilton's no urban boundary expansion growth strategy approved by City Council in June 2022. The no urban boundary expansion plan means that all residential and employment development will be within the current urban boundary and will focus on intensification. Based on the decision to not expand the urban boundary the percentage of new development constructed within a built-up area between 2031 and 2051 will be above 80%. Due to the limitation that intensification puts on residential development it is expected that under this direction the majority of new development would be in the form of medium and high density (townhome and apartment units) with limited lower density housing options.

Although the City did not approve the expansion of the urban boundary through Municipal Comprehensive Review and Official Plan Review there is still the opportunity for developers to initiate urban boundary expansion through an application process. The new boundary expansion process was initiated through The Provincial Growth Plan in 2019 which introduced a policy that will allow for boundary expansion to occur outside the MCR process. HWDSB will continue to monitor implementation of the proposed changes to the City's Official Plan and growth management strategy and review their impacts to current and projected enrolment when finalized.

Residential Development

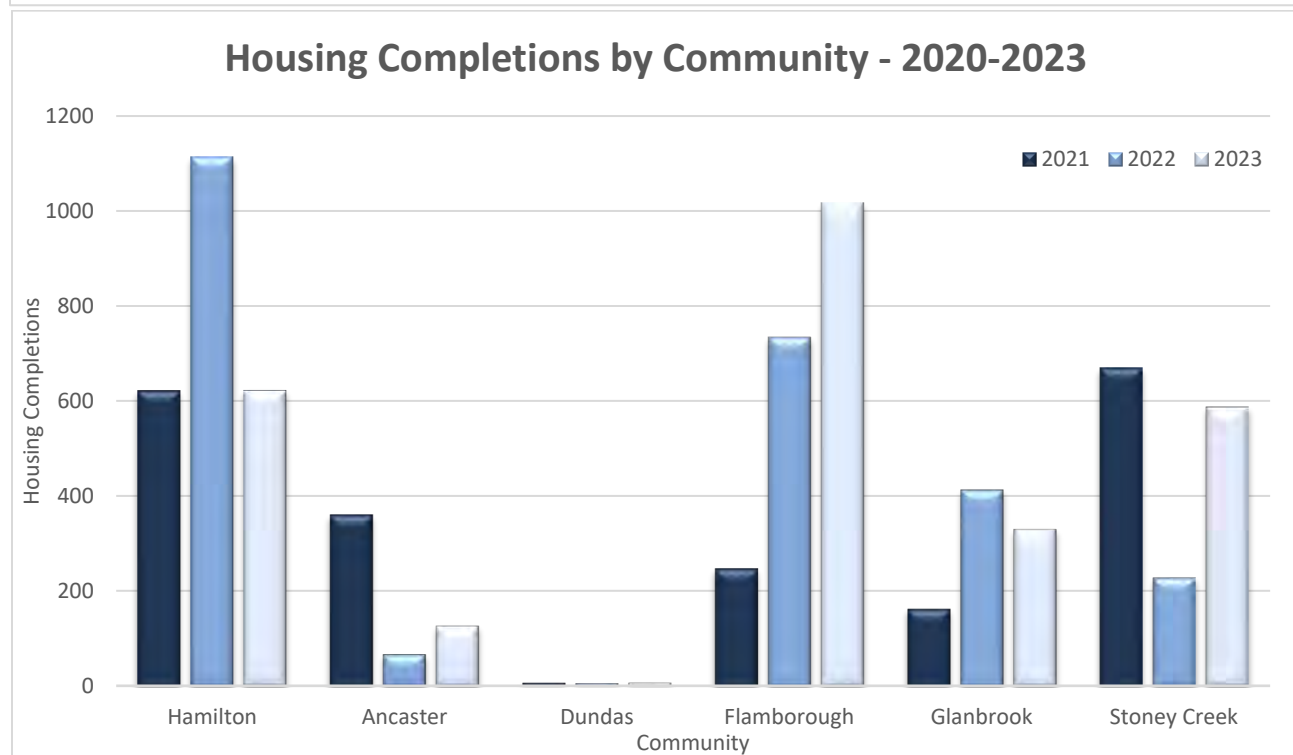
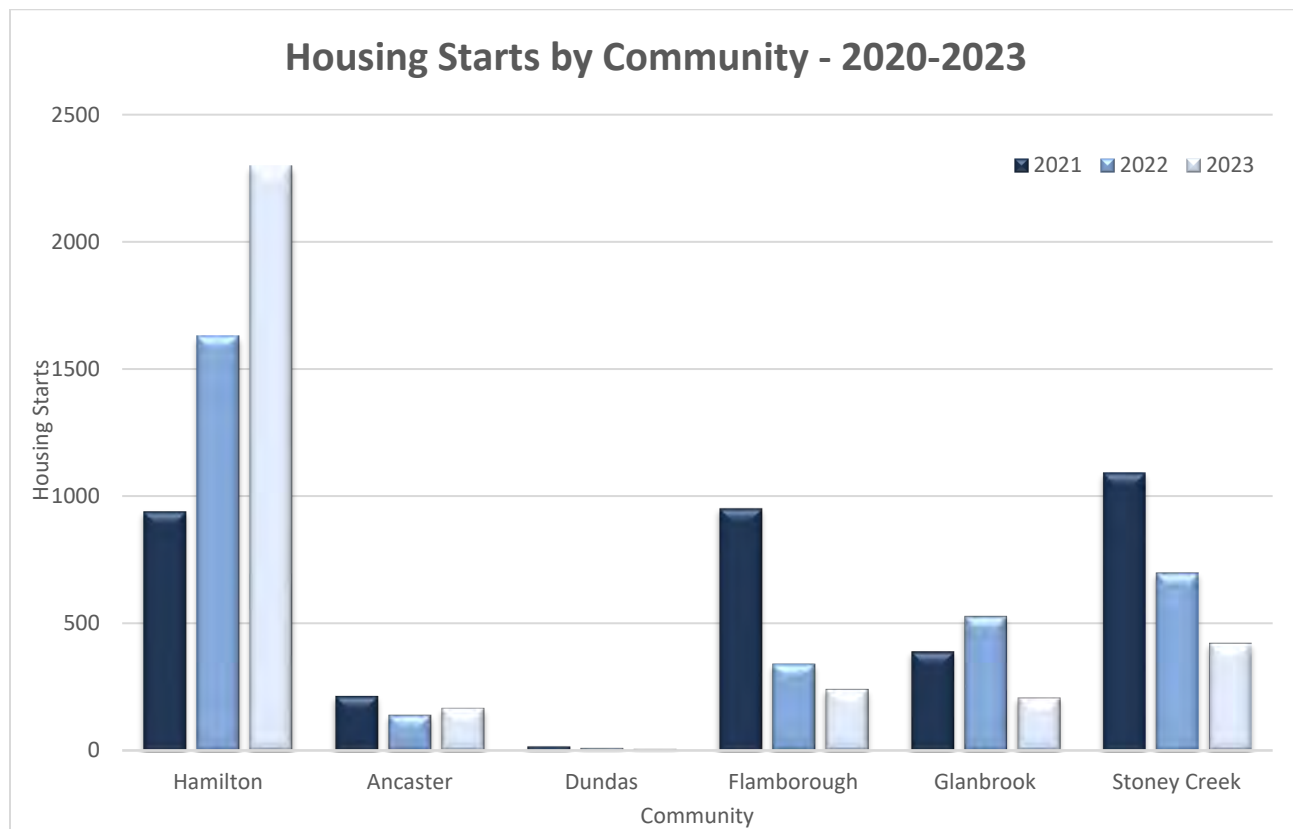
Tracking residential development is important in the formation of enrolment projections. Ensuring that projected enrolments account for future housing developments allows for Planning and Accommodation to have a proactive approach in areas of the city with new development. Determining the potential timing of residential development requires continuous monitoring.

From 2020 to 2022 Hamilton averaged approximately 1,694 building permits for new one/two family dwellings, row housing and apartments (City of Hamilton, 2024). In 2023, the City of Hamilton issued 1,892 permits for new one/two family dwellings, row housing and apartments which is a 12% increase from the previous three-year average. The total value of the residential permits for new row dwellings and apartments continues to increase each year, indicating a shift towards higher density dwellings in Hamilton's new neighbourhoods.

The City of Hamilton averaged over 2,324 housing completions per year from 2020 to 2022 (Canada Mortgage and Housing Corporation, 2024). In 2023, there were nearly 2,700 housing completions. Of the 2,700 completions, row housing and apartments accounted for 2,000 or approximately 73%. As seen in the graphs on the next page, the former city of Hamilton geographic area accounted for the majority of housing completions in 2023. Most of the growth came from apartments units which is a newer trend for Hamilton in comparison to previous years. CMHC apartment starts and completions data aligns with the increased value in apartment building permits collected by the City of Hamilton. Limited vacant residential land and the no urban boundary expansion growth plan in Hamilton has changed the composition of new neighbourhoods from predominantly single-family homes to neighbourhoods with a combination of single-family, semidetached, townhouses and mixed-use buildings. The trend of higher density housing is expected to continue based recent building permit data, CHMC data, and development applications circulated by the City of Hamilton. In 2023, housing starts remained consistent with the previous year's value. The overwhelming majority of the housing starts were apartment buildings, accounting for 76% of housing starts in 2023. 17% of housing starts were row housing with only 8% were single family and semis again signalling the move away from single family homes as the predominant new housing built form. Apartment buildings typically yield a low number of students and historically have not had a significant impact on school enrolment. Staff continue to monitor yields from apartment units and will adjust projections as new trends occur.

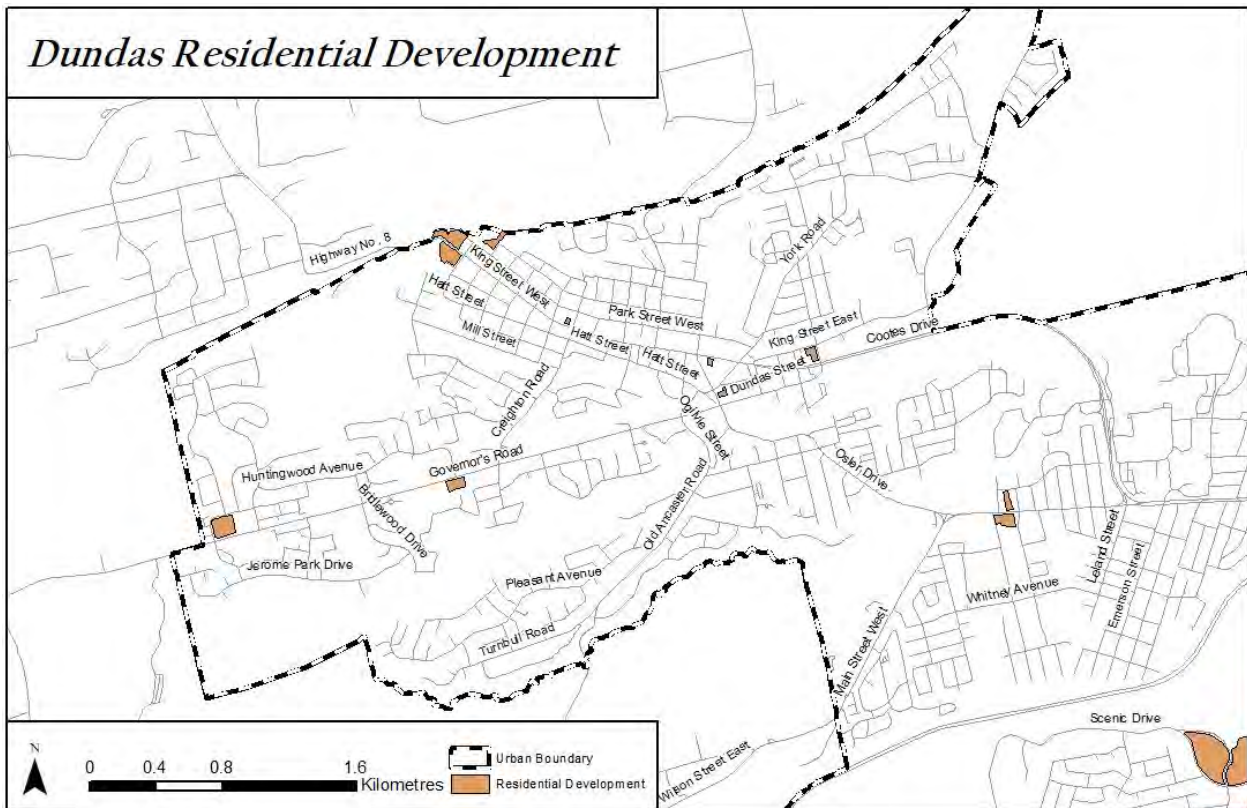
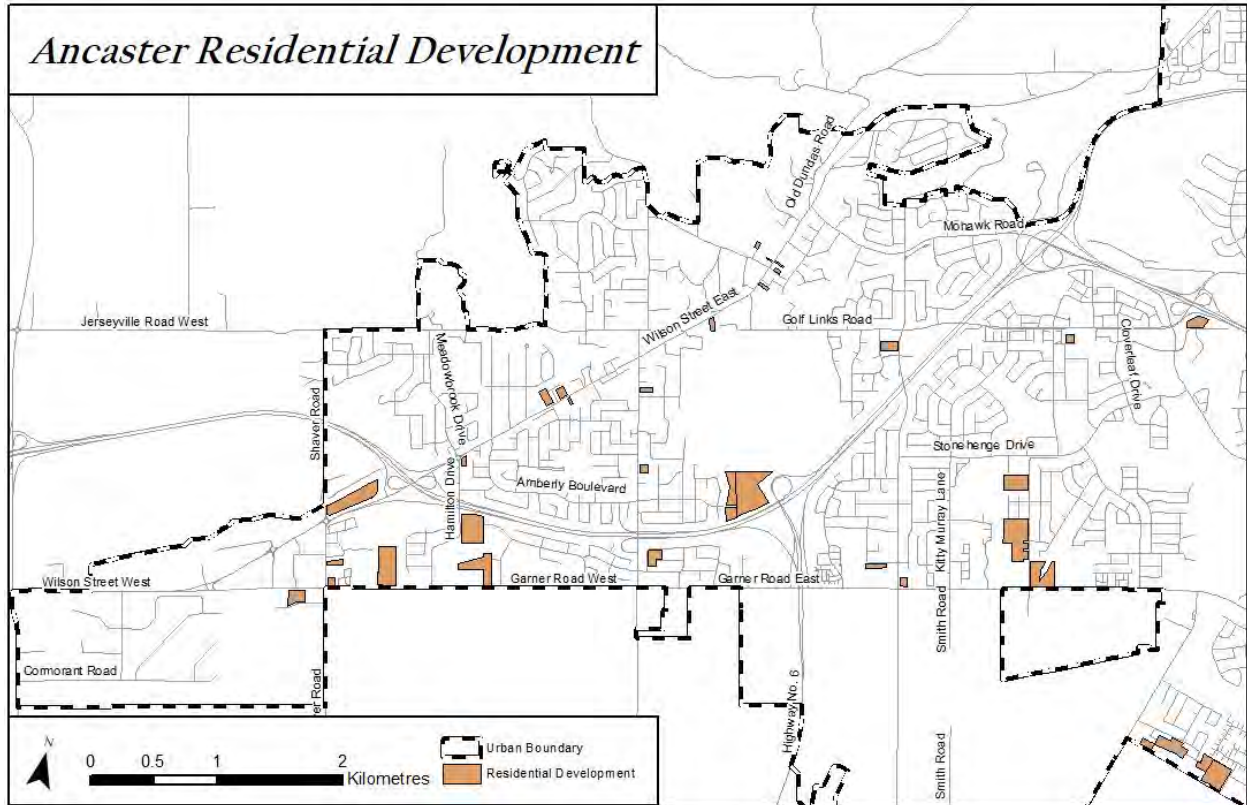
Based on municipal housing data and development applications, schools in Upper/Lower Stoney Creek, Binbrook and Flamborough will continue to have accommodation pressures until new facilities can be constructed. The Ministry of Education has approved the construction of a second 615 pupil place K-8 school in the Binbrook community. Once the identified school site is registered and purchased by HWDSB, construction can commence. In 2021, the MOE approved construction of a new K-8 facility in Upper Stoney Creek to alleviate enrolment pressure and replace Tapleystown. HWDSB purchased a school site in Waterdown within the Waterdown Bay subdivision and received funding for a new school in April 2024. HWDSB also received funding in April 2024 for a 178-pupil place addition at Mount Hope elementary to accommodate enrolment growth from residential development. An additional site in Winona has been identified through the City of Hamilton's secondary plans. HWDSB will purchase this site once available. On pages 8-11 of this section are maps illustrating the lands that have been identified through the City of Hamilton development circulations.

2024 Long-Term Facilities Plan Section 1.1: Community Profile

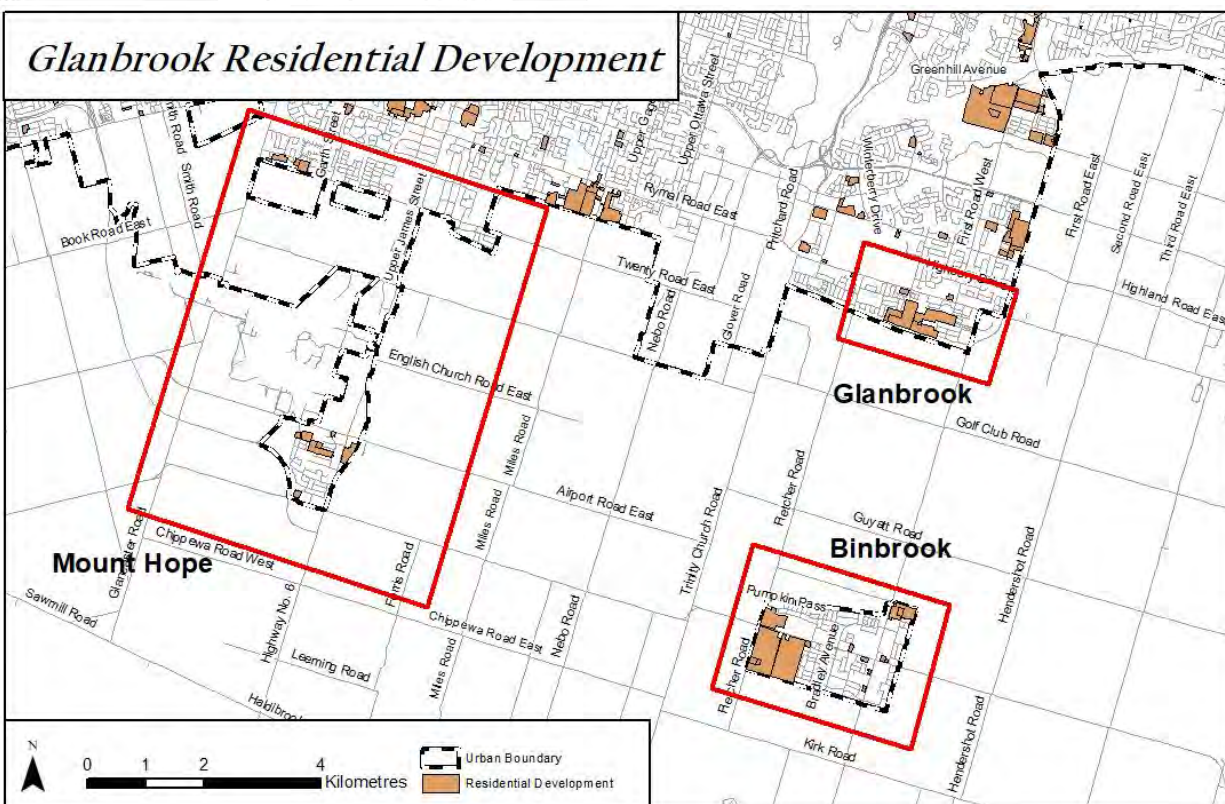
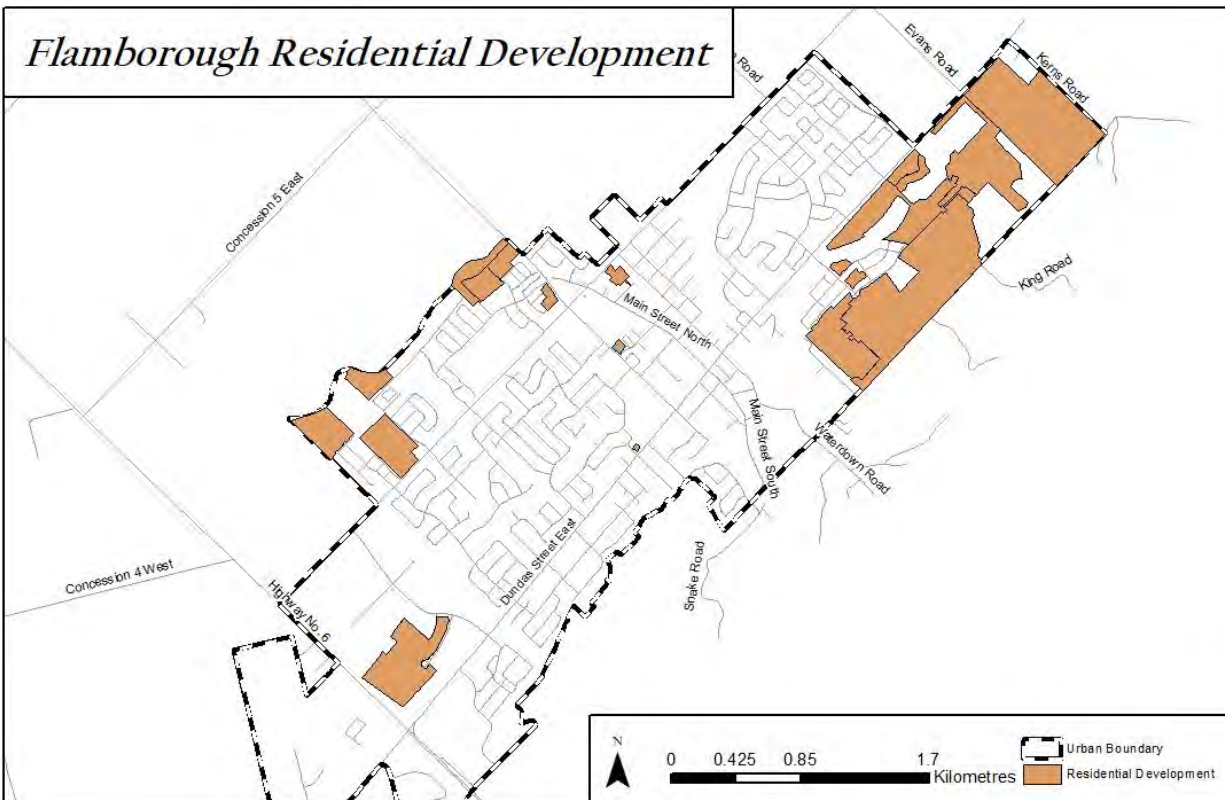


(Canada Mortgage and Housing Corporation, 2024)

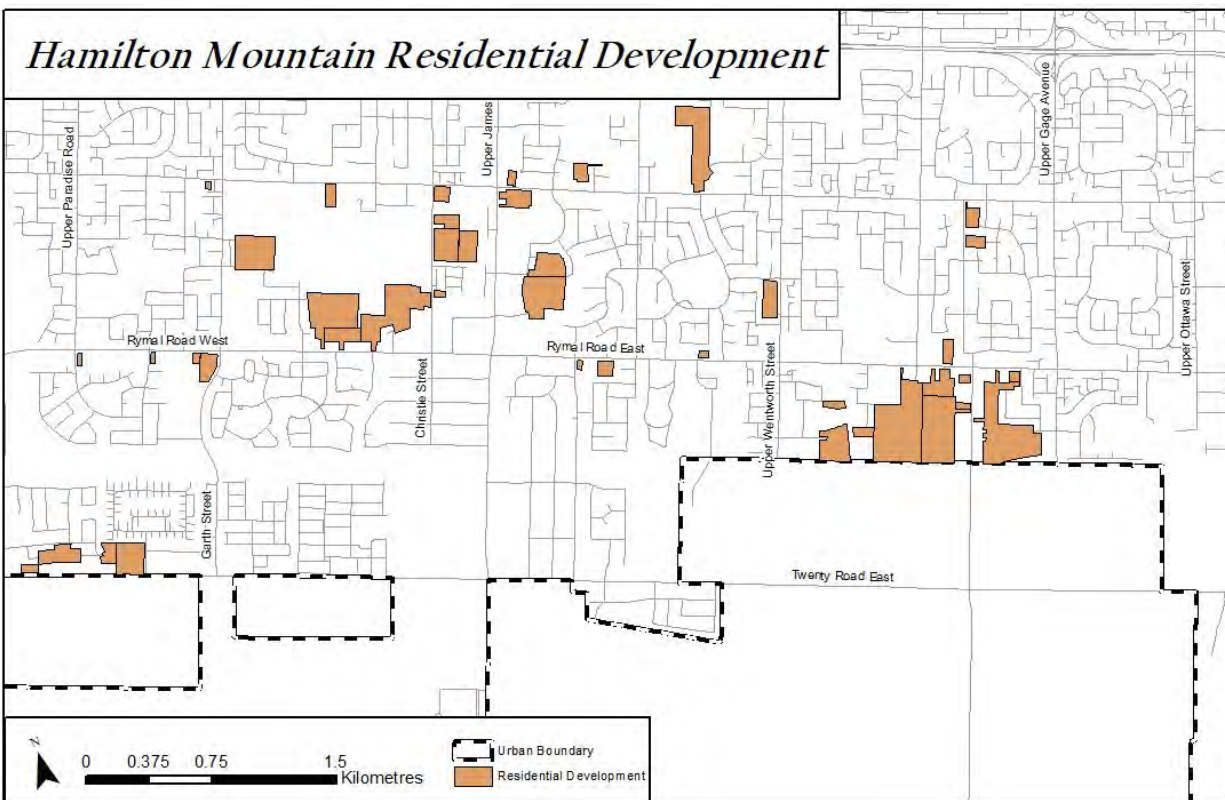
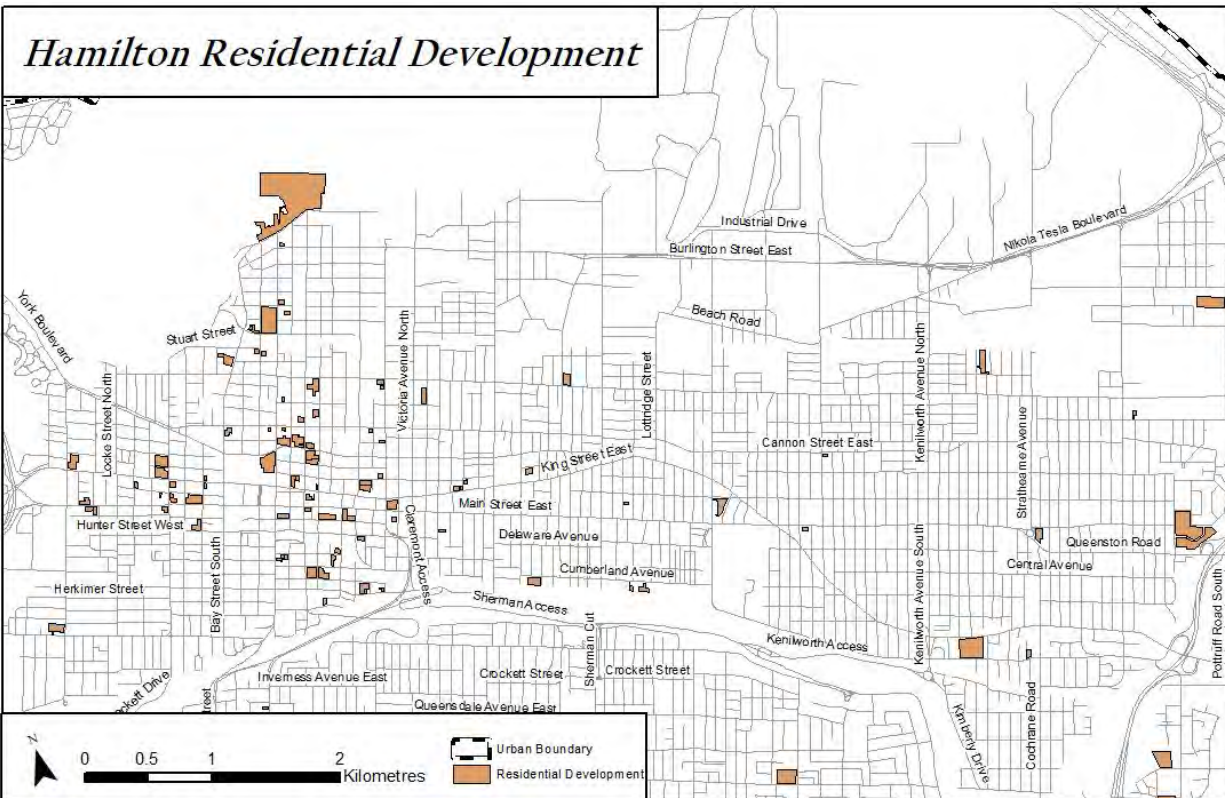
2024 Long-Term Facilities Plan Section 1.1: Community Profile

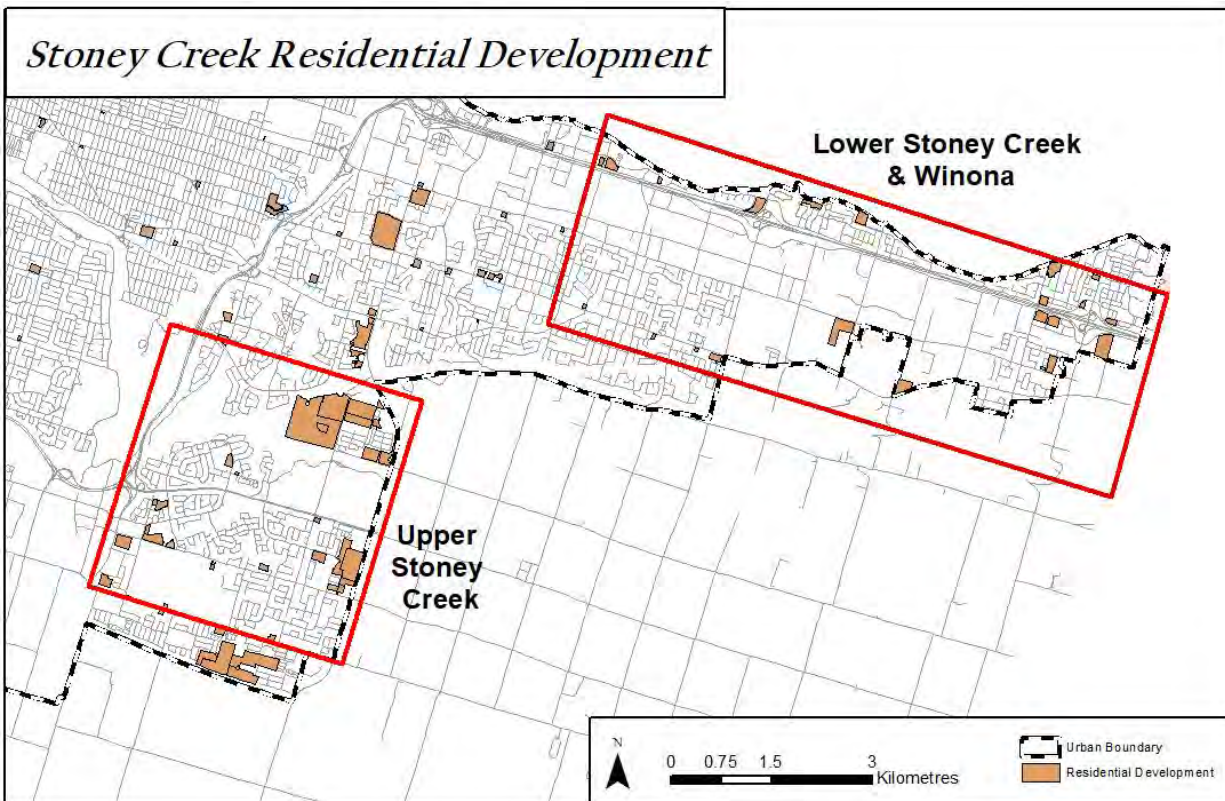


2024 Long-Term Facilities Plan Section 1.1: Community Profile



2024 Long-Term Facilities Plan Section 1.1: Community Profile





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Section 1.2: Enrolment and Capacity Trends

2024 Long-Term Facilities Plan

Section 1.2: Enrolment and Capacity Trends

Enrolment Projection Methodology

Enrolment projection calculations are comprised of two main components - the historic school community data and new residential development student data. Enrolment projection software (Paradigm STGI - SPS Plus) allows staff to analyze historical enrolment trends and examine yield rates (by dwelling type) of residential development when projecting enrolments. The software analyzes and summarizes the grade by grade, year by year, progression of students. Each school and community exhibits different trends or movements which are used to create retention rates for each grade at each school. The retention rates capture any gains or losses in enrolment that a school may experience as students move from one grade to another. Retention rate methodology is a common practice in Ontario School Boards.

New residential development forecasts allow planning staff the ability to estimate the number of students generated by new development. Planning staff apply historical student yields (by unit type) to municipally approved development to project the estimated numbers of students generated by housing units. The yields are broken down by housing types which include single-detached, semi-detached, townhome and apartment. Each community has its own unique yield. Historical yields are determined using Municipal Property Assessment Corporation (MPAC) data and historical student data. The MPAC data indicates the count and unit type of homes in the community and staff then compare the number of existing students living in the houses. By comparing the two sets of data, a student yield for new residential homes can be determined and applied to the residential forecast.

Student enrolments are revised annually to reflect current actual student counts, and calculation variables are re-examined for adjustments that may be required. Enrolment projections are compared against historical enrolments, population forecasts, Census and birth data to validate that population information is trending in a similar manner.

Any approved Board decision such as school closures, program or boundary changes are annually incorporated into the student enrolment projections. There are several other school specific assumptions captured in the projections as well. These assumptions can include programing (e.g. French Immersion), Board policy (e.g. Out of Catchment) or Ministry initiatives (e.g. full-day kindergarten). The known factors outlined above are incorporated into enrolment projections, but annual enrolment projections can be impacted by unexpected circumstances. Events such as economic recession/growth, increased immigration and real estate booms are challenging to anticipate and capture in enrolment projections. When these events impact school enrolment, staff review the short and long-term effects on accommodation and enrolment projections.

Enrolment projections can be created for a variety of time frames; one year, five-year or ten-year projections are typical time frames used by the Planning, Accommodation & Rentals Division. An added feature of the projection software also allows staff to create scenarios during accommodation and/or boundary reviews to show the effect of school closures or boundary changes on student enrolment.

2024 Long-Term Facilities Plan Section 1.2: Enrolment and Capacity Trends

Student Yields

HWDSB’s student yield analysis for projected new residential development provides the actual student yields for a specified geography using the housing data from MPAC and the Board’s student data. The MPAC and student data are both geocoded (digitally referenced on a map) which allows for matching to be done on each individual property to determine the units that have HWDSB students. From this, yield factors are calculated based on dwelling types (single family homes, semidetached, townhomes, and apartments) to determine and become comprised within projected student enrolments.

Residential development yields will vary based on community and are calculated accordingly. The following graphic illustrates the Board- wide average student yields for elementary and secondary – they represent a single-family home yield and a townhome yield. As per the current Board-wide yield, 4 new single-family homes would yield approximately 1 HWDSB elementary aged student (4 x 0.26) and approximately 5 townhome units for 1 student (5.3 x 0.20). Yields for secondary school students are considerably lower, equating to .10 students per new single-family home and .06 students per new townhome.

Elementary Yields



Secondary Yields



Student Apportionment

HWDSB’s apportionment of students compared to our co-terminus Board is illustrated in the table below by elementary and secondary panel. HWDSB’s elementary apportionment has been steady at approximately 65% over the past 5 school years. HWDSB’s secondary apportionment has averaged approximately 57% over the past 5 years. Please note that the enrolment figured below are average daily enrolment.

Elementary Apportionment						Secondary Apportionment					
HWDSB						HWDSB					
2020-21	2021-22	2022-23	2023-24	2024-25	Avg	2020-21	2021-22	2022-23	2023-24	2024-25	Avg
35,280	36,144	36,998	37,529	37,848	36,760	13,314	13,567	14,093	14,342	14,599	13,983
65.0%	65.5%	65.9%	65.7%	65.9%	65.6%	56.5%	57.1%	57.6%	57.5%	57.6%	57.3%
HWDCSB						HWDCSB					
2020-21	2021-22	2022-23	2023-24	2024-25	Avg	2020-21	2021-22	2022-23	2023-24	2024-25	Avg
19,025	19,056	19,182	19,628	19,597	19,298	10,231	10,207	10,364	10,579	10,768	10,430
35.0%	34.5%	34.1%	34.3%	34.1%	34.4%	43.5%	42.9%	42.4%	42.5%	42.4%	42.7%

Apportionment enrolment data from 2024-25 Grants for Student Needs Technical Paper.

2024 Long-Term Facilities Plan

Section 1.2: Enrolment and Capacity Trends

On the Ground Capacity

On the Ground Capacity (OTG) is the number that the Ministry of Education uses to quantify the number of students a school can accommodate. The OTG represents number of students the permanent structure of a school building can accommodate, by instructional space, and as per room loadings set by the Ministry of Education. The various types of rooms have a different loading and they differ between elementary and secondary panels. The total of the rooms in a school, and their assigned capacities are added together to calculate its OTG. Loading examples of classroom types for elementary and secondary panels are shown below.

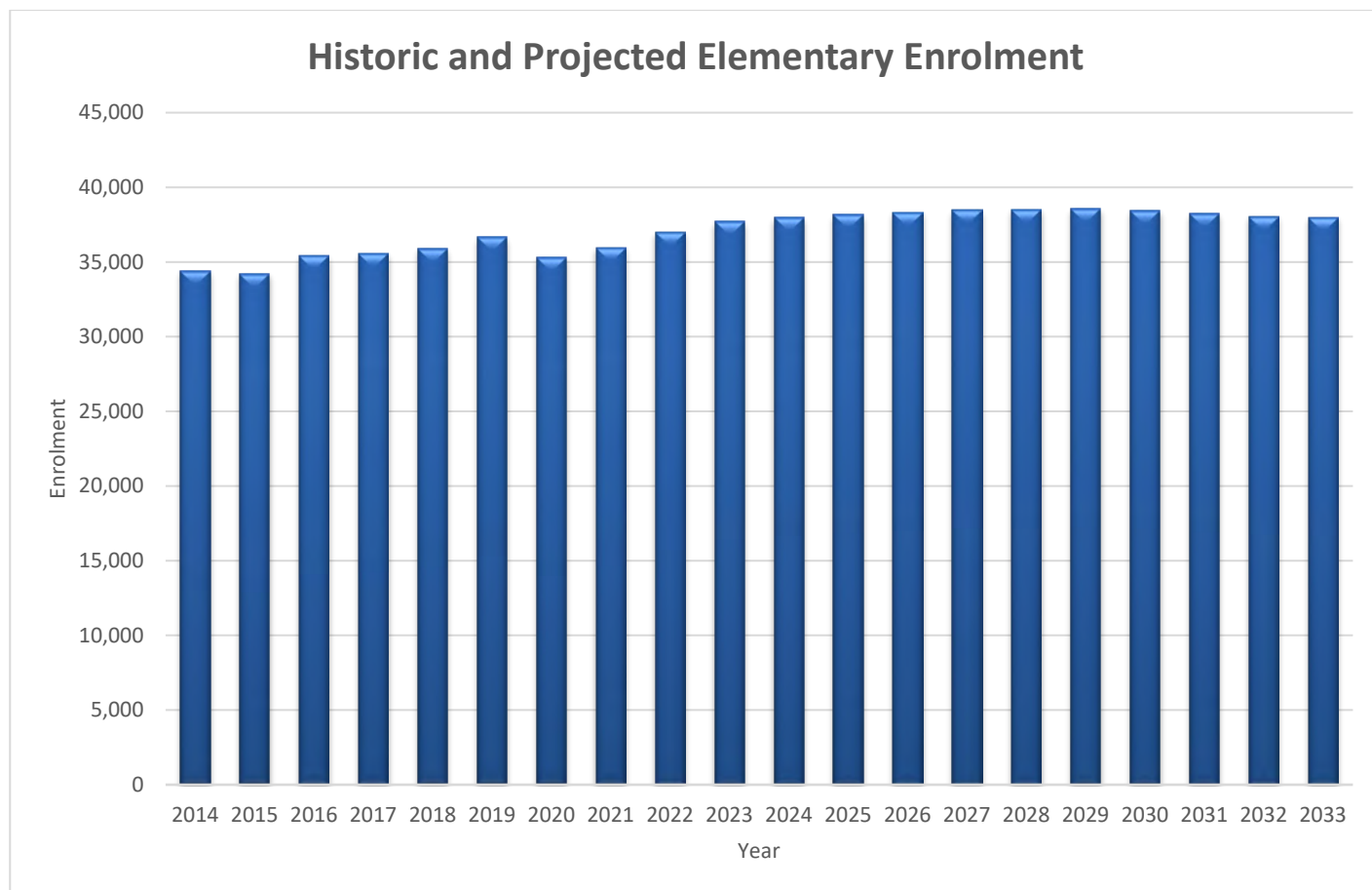
Instructional Space	Elementary Loading	Secondary Loading
Kindergarten	26	-
Classroom	23	21
Special Education	9	9
Resource Room	12	12

School OTGs are recorded in a Ministry database that tracks information for all schools in Ontario. The database, entitled Education Capital Information System (ECIS), indicates a capacity for each school based on the number and type of instructional spaces it has (see above table).

2024 Long-Term Facilities Plan Section 1.2: Enrolment and Capacity Trends

Elementary Historic and Projected Enrolment

The following graph illustrates the elementary historical and projected enrolment of Hamilton-Wentworth District School Board from 2014 to 2033. Current and projected enrolments are as of October 31st, 2023.



In 2020, elementary enrolment reduced to just over 35,000 students. The drop in enrolment can most likely be contributed to the COVID-19 pandemic. In 2022, elementary enrolment recovered from the impacts of the pandemic and was more in line with previously projected elementary totals. 2022 total elementary enrolment was 37,000 students which exceed pre-pandemic elementary enrolment totals.

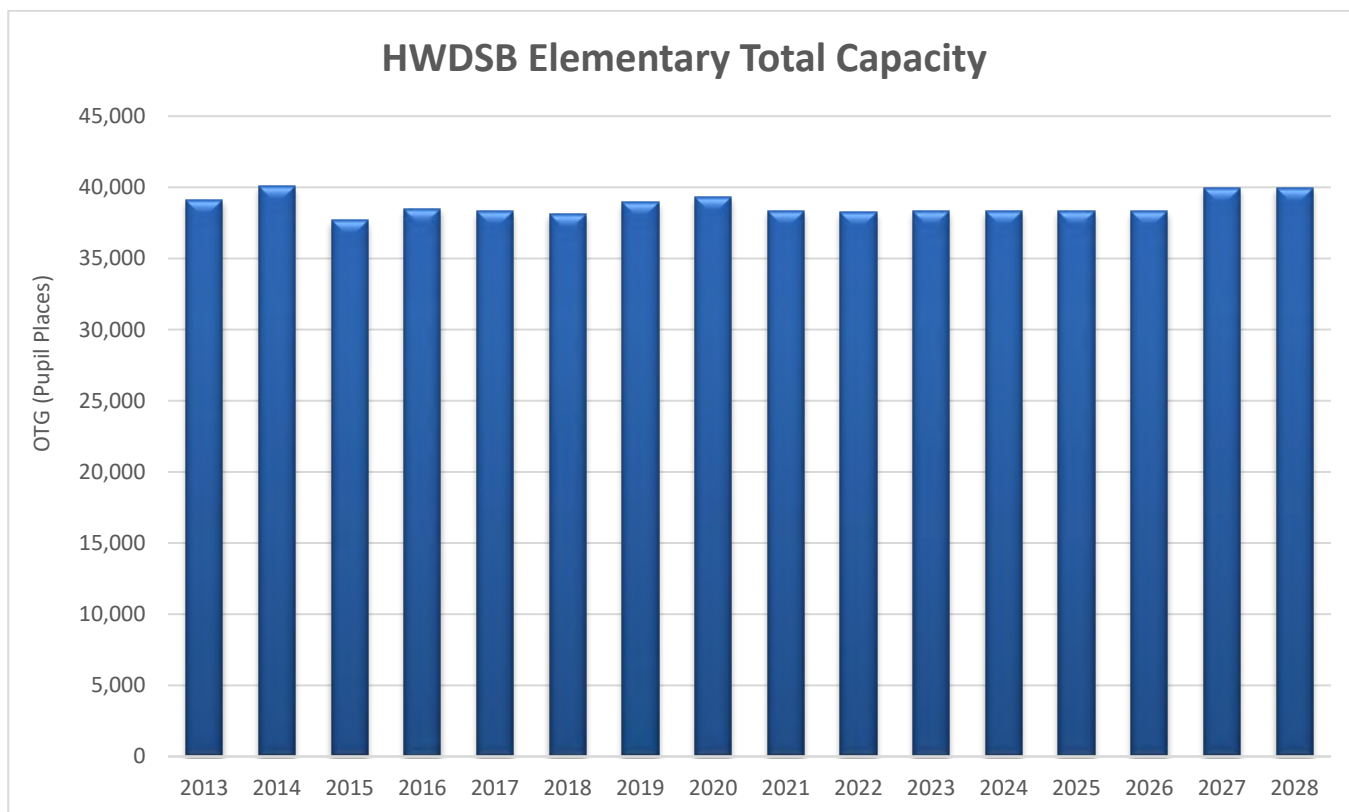
HWDSB's elementary enrolment total is projected to grow at a slow yet stable rate for the next ten years. Factors influencing projected enrolment growth include residential development, recent increased immigration and a change in demographics as described in section 1.1. Although the total enrolment is projected to grow, individual school enrolments will fluctuate based on neighbourhood trends and new residential development.

2024 Long-Term Facilities Plan Section 1.2: Enrolment and Capacity Trends

Elementary Capacity

Elementary school capacity has undergone several changes over past decade. From 2010 to 2015 Full Day Kindergarten was implemented. During this period, kindergarten class sizes increased from 20 to 26 which increased the capacity of schools. Since 2011, HWDSB engaged in a series of accommodation reviews which resulted in new schools, school closures and additions. Since 2011, HWDSB has completed 13 elementary school additions, constructed 8 new elementary schools and closed 25 elementary schools.

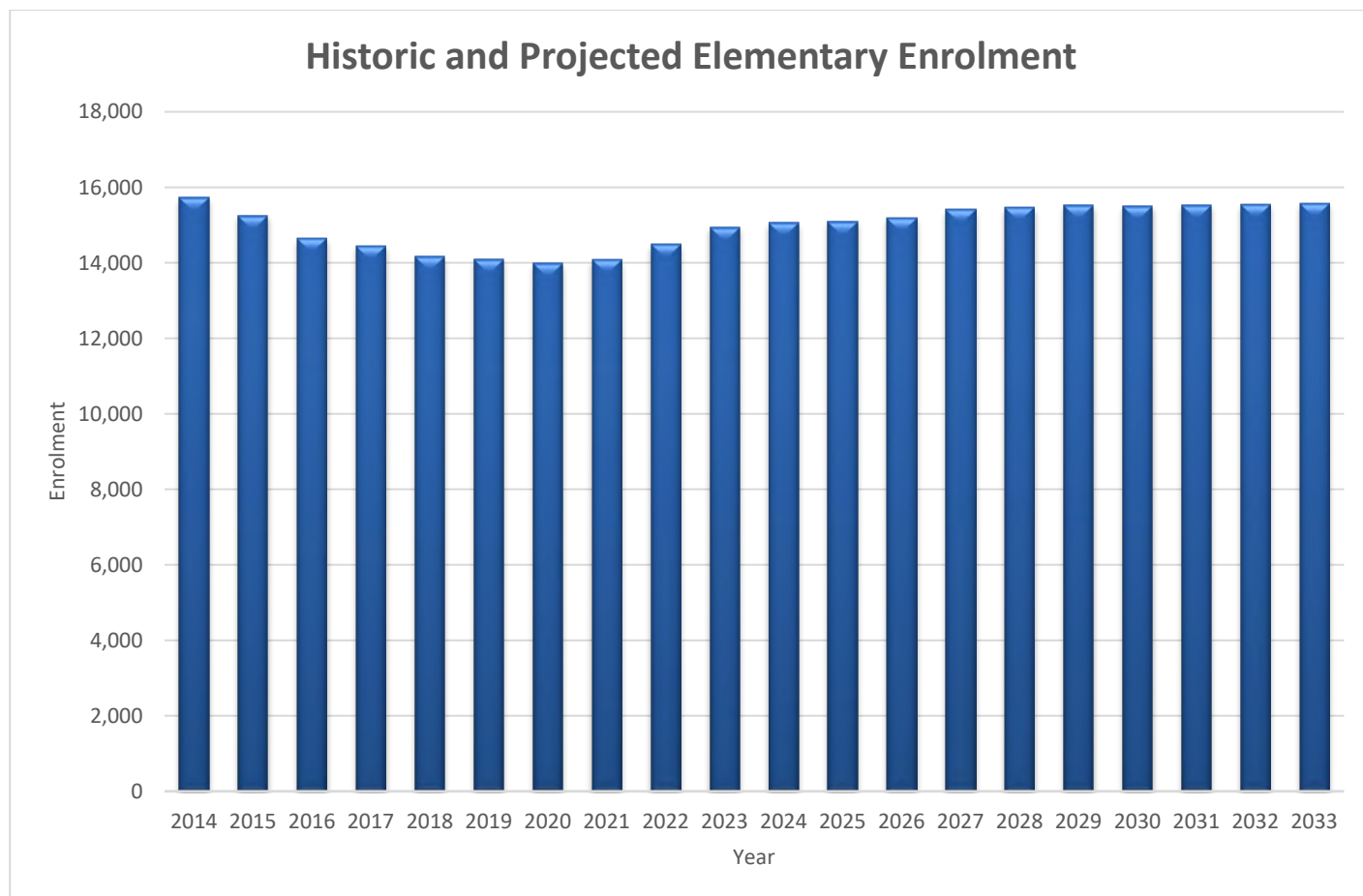
An increase in elementary capacity will occur once the new schools in Binbrook, Upper Stoney Creek and Waterdown and the addition to Mount Hope elementary school are completed. Elementary enrolment beyond 2027 is projected to be stable at approximately 38,500 students resulting in a projected 96% Board wide elementary utilization. This calculation only includes funded capital projects and does not include the identified future school in Winona which does not yet have capital funding in place.



2024 Long-Term Facilities Plan Section 1.2: Enrolment and Capacity Trends

Secondary Historic and Projected Enrolment

The following graph demonstrates the secondary historic and projected enrolment of the Hamilton-Wentworth District School Board from 2012 to 2031. Current and projected enrolments are as of October 31st, 2023.



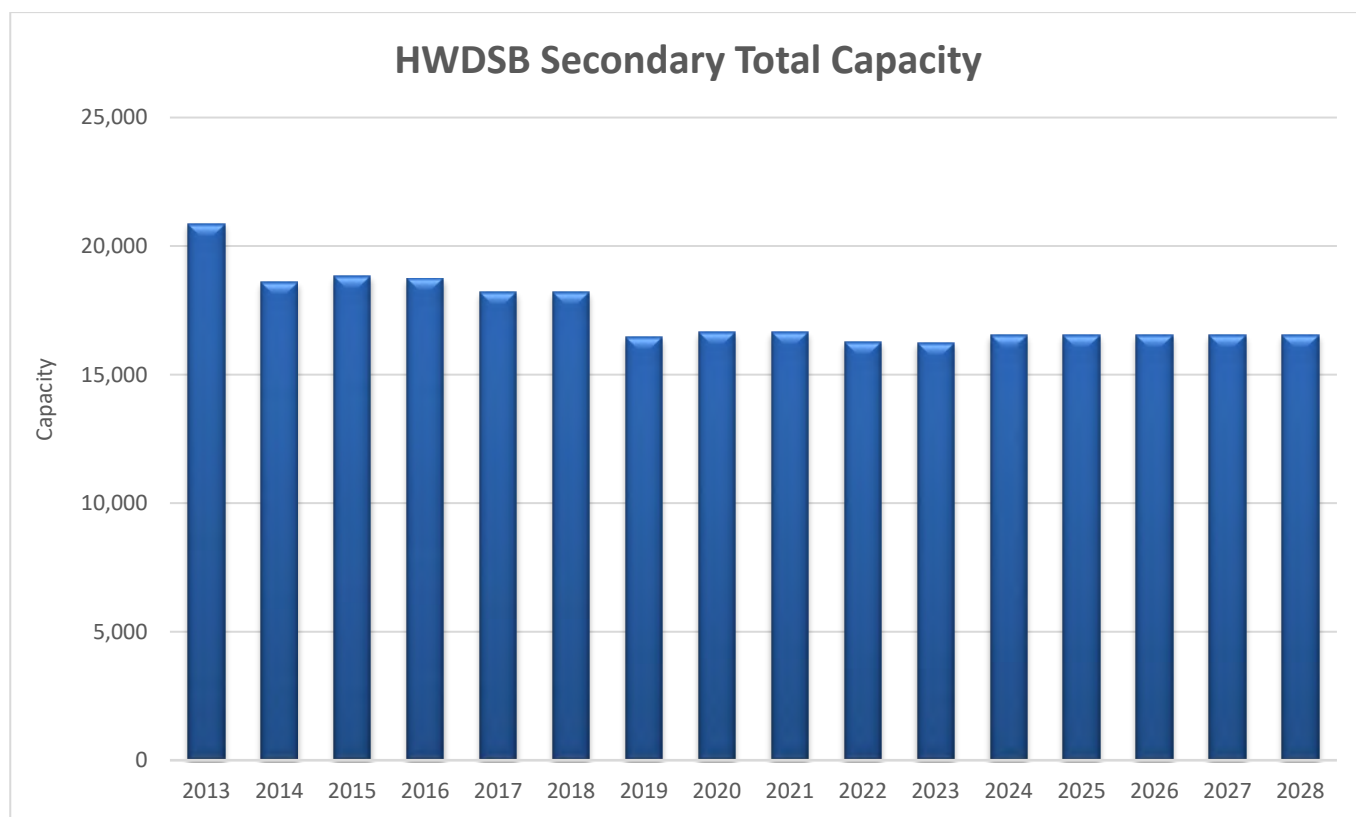
From 2014 to 2020, HWDSB secondary enrolment decreased by approximately 1,700 students. Enrolment stabilized in 2021 and since HWDSB has seen a slight increase in total secondary school enrolment. Projections show a continued growth in the late 2020's. The secondary enrolment is expected to increase due to the projected larger elementary cohorts, residential development and population growth. By 2028, it is projected that the secondary enrolment will be approximately 15,500 students.

2024 Long-Term Facilities Plan Section 1.2: Enrolment and Capacity Trends

Secondary Capacity

From 2004 to 2012, the Board's total secondary panel capacity remained stable around approximately 20,000 pupil places. Significant changes to secondary capacity have taken place since 2012. Construction of a new wing at Waterdown District High School in 2012. The closures of Hill Park, Parkside and Parkview in 2014 and in 2015, an addition was completed at Saltfleet Secondary School. Mountain Secondary closed in June of 2017, Delta and Sir John A. Macdonald closed in June 2019. To replace these schools, the Ministry of Education approved the construction of Nora Frances Henderson Secondary School, completed in 2020 and Bernie Custis Secondary School completed in 2019. In 2024, the newly renovated Sherwood facility will reopen, and the temporary facility (former Barton) will close. Please see the chart below which depicts secondary capacity since 2013.

With these closures and new construction, the capacity of the secondary panel is approximately 16,500 pupil places. As of October 31, 2023, the secondary enrolment was approximately 14,950 students which equates to approximately 1,550 excess secondary pupil places.



2024 Long-Term Facilities Plan

Section 1.2: Enrolment and Capacity Trends

Portables

In 2011, a new approach to portable and portapak management was established at HWDSB. The Portable Allocation Process provides the framework for making use of and reducing the reliance of temporary accommodation. The result of the process has decreased operating expenses, eliminated old portables in need of repair and ensured equitable allocation of temporary classrooms across the system. The process has ensured that schools who have temporary accommodation are utilizing the built space to its maximum capacity before using portables. If the built space is deemed sufficient then the portables are to be moved, locked or demolished depending on their condition.

There are two types of temporary accommodation. There are portables and portapaks. A portable is an individual transportable classroom that is independent from the school. A portapak is grouping of transportable classrooms attached by a corridor. The portapak may or may not be directly attached to the permanent school facility.

HWDSB has moved to leasing portables rather than purchasing. HWDSB currently leases 53 portables and 2 portapaks. Annual operating cost of a portable is approximately \$30,000 which includes heating, cooling, electricity, regular cleaning, maintenance and capital costs. The demolition costs for a portable is roughly \$20,000 and is strongly recommended for portables in poor condition which cannot be sold.

HWDSB has maintained a consistent number of portables since 2014/2015 ranging between 153 and 183 portables over that timespan.

	2019/2020	2020/2021	2021/2022	2022/2023	2023/2024
Portables	119	123	117	132	145
Portapaks	50	50	44	38	38
Total	169	173	161	170	183

Portables will be used to aid in short term accommodation pressures. A school's enrolment can fluctuate year to year which may cause a need for temporary accommodation. Portables are allocated to schools based on year to year need. Portapaks will only be considered for schools with significant long-term enrolment pressure with no future accommodation relief anticipated. Accommodation relief can be in the form of a boundary change, program change or new construction (school or addition). In the case where these three solutions are not viable, a portapak for schools with long term needs will be considered.

Portapacks can only be funded through Temporary Accommodation Funding, provided by the Ministry on an annual basis. Each year HWDSB receives an annual allocation and is typically underfunded by approximately \$1 million, given the number of portable moves and increased costs every year. Staff have sought other funding opportunities for Eastdale in the past but have not been successful. Unfortunately, portapacks cannot be funded by renewal or capital dollars at this time. Staff will continue to explore funding options for portapaks with the Ministry of Education.

2024 Long-Term Facilities Plan

Section 1.2: Enrolment and Capacity Trends

Portable Inventory as of April 2024

Elementary School	Portables	Portapaks
Allan Greenleaf	3	0
AM Cunningham	4	0
Bellmoore	4	10
Billy Green	1	0
Central	4	0
Eastdale	12	0
Flamb. Centre	0	6
Franklin Road	2	0
Guy Brown	2	0
Helen Detwiler	0	6
Huntington Park	0	6
Janet Lee	4	0
Kanetskare	1	0
Lake Ave	8	0
Lawfield	6	0
Mary Hopkins	10	0
Michaëlle Jean	3	0
Mount Albion	3	0
Mount Hope	4	0
Norwood Park	3	0
Parkdale	2	0
Pauline Johnson	4	0
Queensdale	3	0
R.A. Riddell	4	0
Ridgemount	1	0
Rosedale	4	0
Shannen Koostachin	9	0
Sir Wilfrid Laurier	2	0
South Meadow	3	0
Tapleystown	10	0
Templemead	2	0
Tiffany Hills	7	0
Viscount Montgomery	2	0
Viola Desmond	7	0
Winona	0	6
Yorkview	0	4
Total	134	38

Secondary School	Portables	Portapaks
Saltfleet	3	0
Westmount	8	0
Total	11	0

	Portables	Portapaks
Grand Total	145	38

Section 1.3: Property

2024 Long-Term Facilities Plan

Section 1.3: Property

Ontario Regulation 374/23: Acquisition and Disposition of Real Property

On December 31, 2023, Ontario Regulation 374/23: Acquisition and Disposition of Real Property came into effect replacing the former Ontario Regulation 444/98. The updated regulation made a variety of changes to the acquisition and disposition of school board properties. As part of the new regulation, boards will regularly submit property information to the Ministry of Education for review.

Acquisition

Acquisition modifications include a new framework for the acquisition of shared-use sites with and clarification for the 60-day notification period.

Disposition

The Disposition process was modified to include a discretionary and mandatory sale of property led by the Ministry of Education.

Discretionary Disposition

A board may sell, lease or otherwise dispose of a school site, part of a school site or other property of the board if the board adopts a resolution that the property is not required for the purposes of the board. In addition, the board may dispose of a site if the disposition is a reasonable step in a plan to provide accommodation for pupils such as a land swap. All dispositions must obtain Minister's approval.

Mandatory Disposition

If a board has identified, through the reports and information required that a school site or other property of a board is not currently being used and the site or property is not needed to meet the board's current pupil accommodation needs or its pupil accommodation needs for the next 10 years, the Minister shall:

- consider whether additional factors need to be considered or consultation needs to be completed before a decision can be made with respect to whether the property must be disposed of; and
- after considering any additional factors and completing any consultation, notify the board whether it is required to dispose of the property and if so, that the board shall,
 - sell the property, or
 - lease or otherwise dispose of the property, if the Minister approves.

The Minister may exempt a school site or property from the process if the board demonstrates, to the satisfaction of the Minister, that it will need the property for pupil accommodation at a time more than 10 years in the future.

Fair Market Value

A sale, lease or other disposition must be at fair market value.

For more information on the O. Reg 374/23 please see: <https://www.ontario.ca/laws/regulation/r23374>

2024 Long-Term Facilities Plan

Section 1.3: Property

Ontario Regulation 374/23 Next steps include:

- Update HWDSB Property Disposition Policy 2.4 and Property Disposition Procedure to align with O. Reg. 374/23
- Submit property information to Ministry of Education when the data intake process begins. Expected Spring 2024.

Use of Proceeds of Disposition

In June 2015, the Ministry of Education released the Proceeds of Disposition (POD) Policy which incorporates several changes to how Proceeds of Disposition can be spent. As per the policy PODs must be used for the repair or replacement of components within a school. Boards must spend a minimum 80% of their PODs on building substructure (e.g. foundations, walls), superstructure (e.g. roofs, window) and service (e.g. plumbing, HVAC, fire). The remaining 20% can be used to address the three above-mentioned categories as well as interiors, equipment, furnishings, special construction and building site work. Boards can request to use PODs for capital priorities (e.g. new schools, replacement school) through a Minister's exemption.

Property Acquisition through Educational Development Charges

Educational Development Charges (EDCs) are a primary source of funding site acquisition needs for a school board experiencing growth within its jurisdiction. The effective implementation date for the board's EDC by-law is July 6, 2019. The by-law has a term of five years and applies to building permit applications that have been submitted to the City of Hamilton after July 5, 2019 in relation to a building or structure for below ground or above ground construction. The By-law will expire on July 5, 2024. The EDC bylaw is currently under review and is scheduled to be renewed pending Ministry of Education and HWDSB Trustee approval in June 2024. If approved the bylaw will be in effect for 5 years.

For more information on Educational Development Charges please visit HWDSB's [EDC Webpage](#).

2024 Long-Term Facilities Plan Section 1.3: Property

Properties for Sale

For up-to-date information on the sale properties please refer to HWDSB's Properties for Sale [webpage](#).

Vacant Properties

The Hamilton-Wentworth District School Board owns vacant sites around the City of Hamilton. These may be used as future school locations or be sold at a later date. HWDSB also owns two additional sites used for parking. The following is an inventory of vacant sites owned by the Hamilton-Wentworth District School:

Vacant Property

Name of Site	Municipal Address	Acres
Falkirk West	Upper Paradise Rd. , Hamilton	6.00
Pleasant Grove	2339 5th Concession Rd. W., Troy	0.50

Parking Sites

Name of Site	Municipal Address	Acres
Bennetto Parking Site	400 John St. N., Hamilton also 88 Ferrie St., Hamilton	0.80
Bernie Custis SS Parking Site	60 Balsam Ave. N., Hamilton	1.61

Holding Properties

Holding The following properties have been identified as holding properties in the Board's Property Strategy:

- Sir Isaac Brock
- Sir John A. MacDonald
- Hill Park Learning Centre

These holding properties are held in the Board's inventory. There is no intention to declare these properties surplus or move forward through Ont. Reg. 374/23. The rationale to include these two Sir Isaac Brock and Sir John A. Macdonald properties as holding schools is for future growth opportunities, as these locations are situated in areas where there is potential for future residential growth, and also in areas where HWDSB has aging schools that are nearing the end of their life-cycle. Hill Park Learning Centre is presently being utilized by HWDSB for continuing education, welcome centre, special education programming as well as home to the HWDSB Archives. Beginning in September 2024, the Sir Isaac Brock campus will accommodate continuing education program currently at the Parkway Learning Centre.

Section 1.4: Planning Areas

School	Eng Grade	FI Grade	OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Cootes Paradise	K-5	1-5	666	-	566 (85%)	552 (83%)	555 (83%)
Dalewood	6-8	6-8	370	-	271 (73%)	225 (61%)	222 (60%)
			1,036	-	837 (81%)	777 (75%)	777 (75%)
Glenwood	SE	-	99	-	23 (23%)	23 (23%)	23 (23%)

History

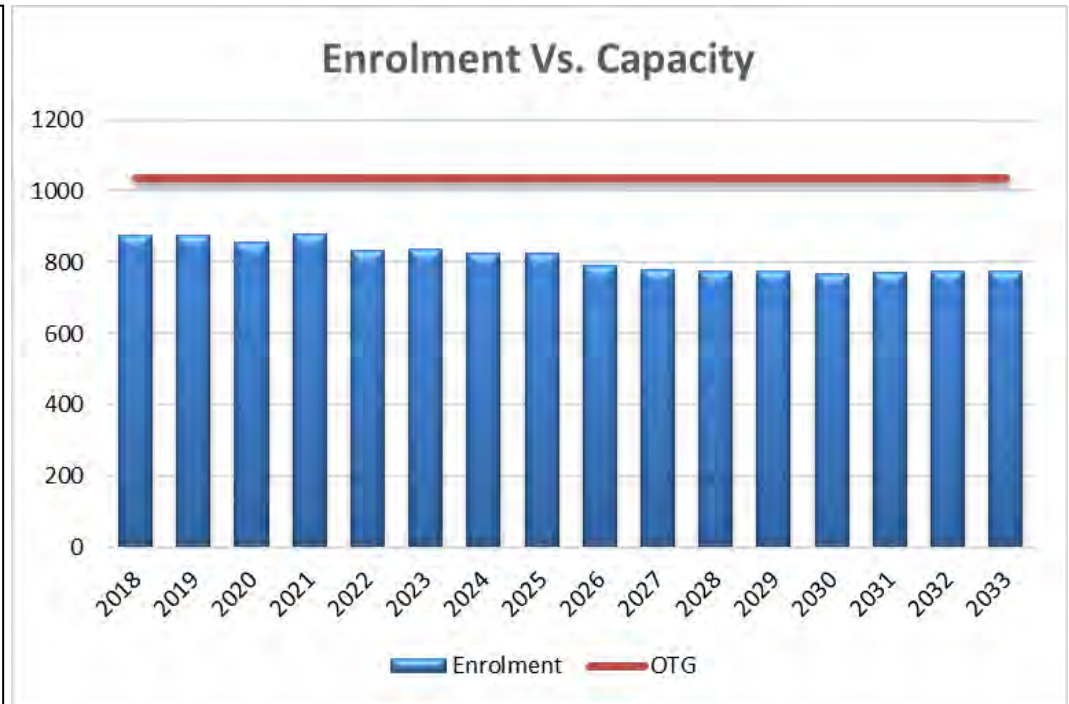
Accommodation review completed February 2012. Prince Philip closed in June 2014. Cootes Paradise addition and facility upgrades related to accommodation review completed September 2014. Dalewood facility upgrades related to accommodation review completed in 2016.

Current Observations

Glenwood is a special day school for exceptional students and due to its unique use is not included in the enrolment vs capacity chart.

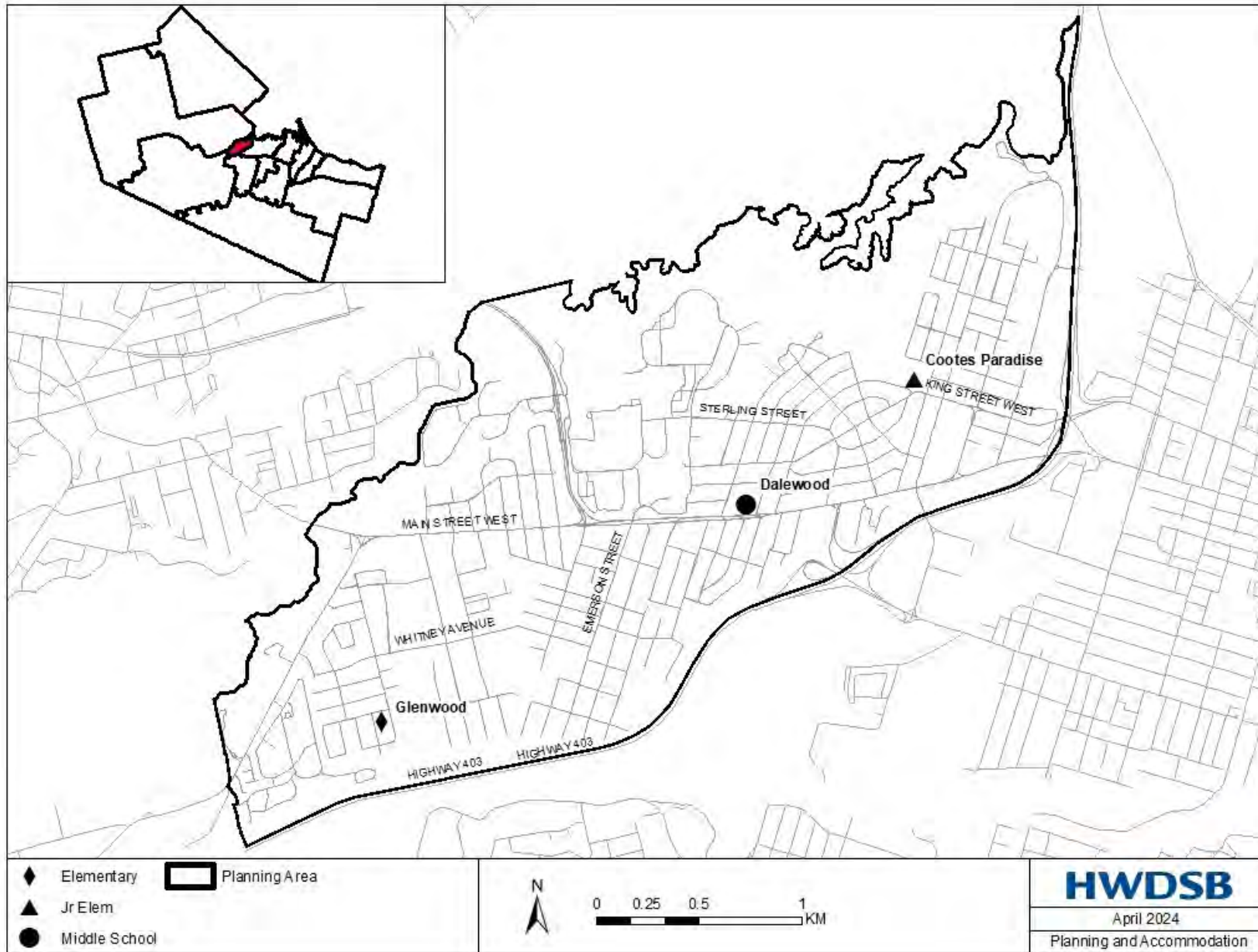
Cootes Paradise and Dalewood enrolments are projected to slightly decline over the next 10 years. The planning area neighbourhoods are established and there is no significant residential development. Some residential homes in the area have been repurposed as student housing for post secondary students.

Currently, Cootes Paradise offers English, French Immersion and Mandarin programs and Dalewood offers both English and French Immersion.



Next Steps

Continue to monitor enrolment and accommodation.





Elementary Planning Area 02—Flamborough

School	Eng Grade	FI Grade	OTG	2028 OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Allan A. Greenleaf	K-8	-	548	548	3	605 (110%)	712 (130%)	701 (128%)
Balaclava	K-8	-	381	381	-	326 (86%)	301 (79%)	294 (77%)
Flamborough Centre	K-8	6	243	243	6	342 (141%)	282 (116%)	242 (100%)
Guy B. Brown	K-8	1-8	632	632	2	648 (103%)	664 (105%)	685 (108%)
Mary Hopkins	K-5	1-5	401	401	10	671 (167%)	407 (102%)	388 (97%)
Millgrove	K-5	-	236	236	-	173 (73%)	173 (73%)	169 (72%)
Waterdown-New School	K-8	-	0	504	-	-	515 (102%)	542 (108%)
			2,441	2,945	21	2,765 (113%)	3,054 (104%)	3,022 (103%)

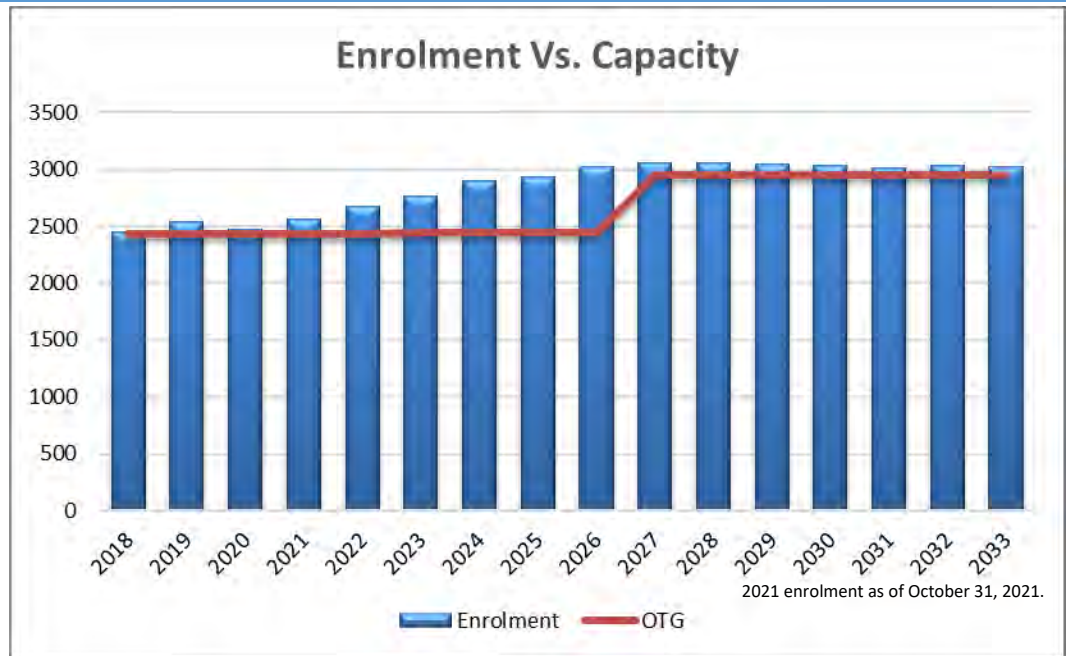
History

FI program at Mary Hopkins implemented in 2017 with grades 1 and 2. Program has expanded to include grades 1-5 and as of Sept 2022, FI grade 6 students attend Flamborough Centre. The purpose of the program change was to alleviate enrolment pressure at Guy Brown which accommodated the only FI program in Flamborough.

Temporary accommodation strategy approved in February 2024, to be implemented starting September 2024 and will be in place while the new school in Waterdown is under construction. Funding for a new K-8 school on the Mountainview Heights property on Skinner Road was approved by the Ministry of Education in April 2024.

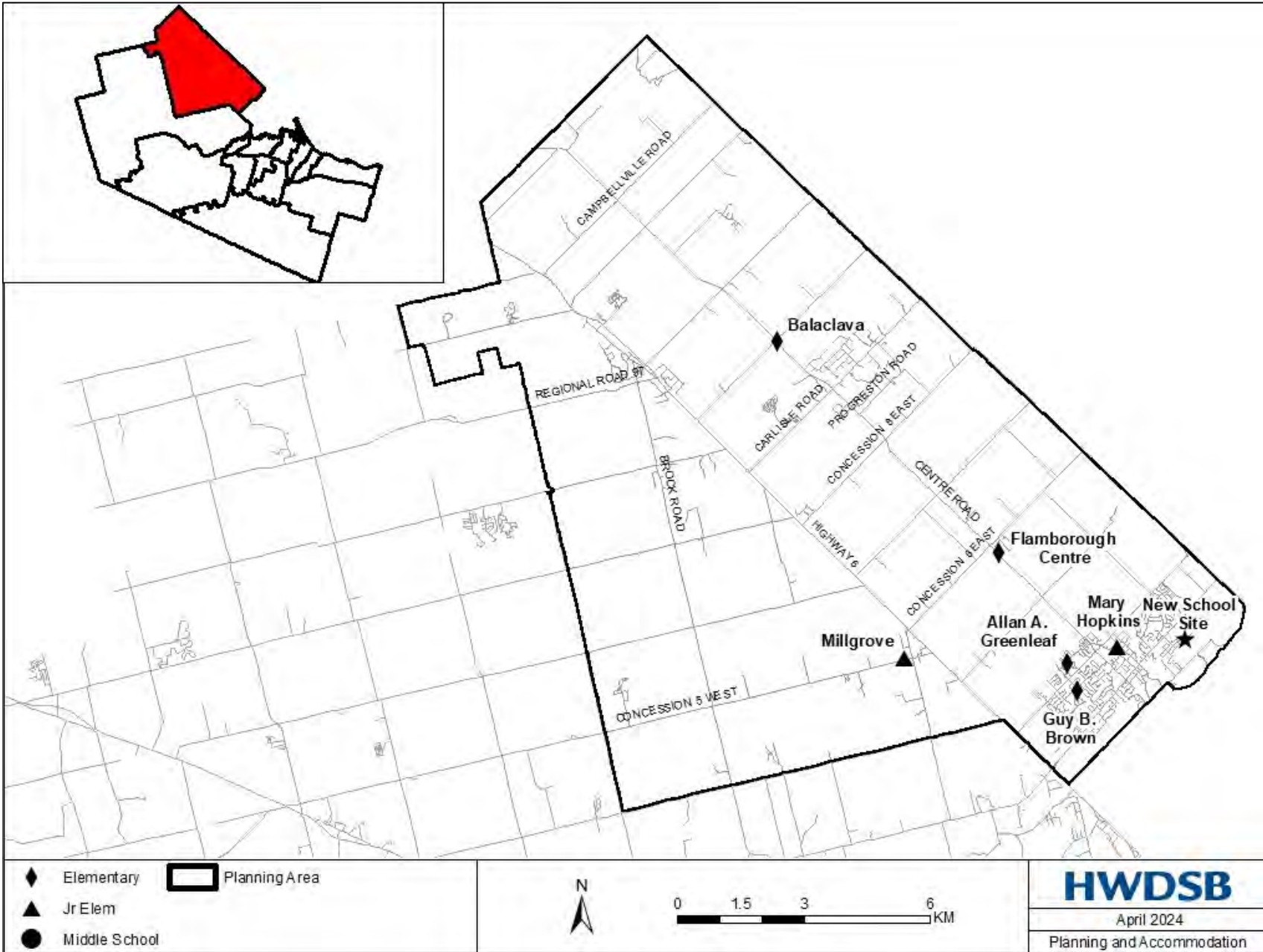
Current Observations

Over the next ten years Allan A. Greenleaf, Mary Hopkins and Flamborough Centre will experience an increase in enrolment due to continued residential development within the village of Waterdown. Enrolment projections associated with the new school are subject to change once a permanent boundary is approved.



Next Steps

Initiate a boundary review to establish a new boundary for new Waterdown Elementary school. English/French Programs and holding school strategies to be reviewed. Open new school in the 2027/28 school year.





Elementary Planning Area 03—Central Mountain

School	Eng Grade	FI Grade	OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Franklin Road	K-8	-	495	2	568 (115%)	570 (115%)	522 (106%)
George L. Armstrong	K-8	-	541	-	423 (78%)	428 (79%)	418 (77%)
Norwood Park	-	1-8	464	3	489 (105%)	486 (105%)	496 (107%)
Pauline Johnson	K-8	-	426	4	494 (116%)	455 (107%)	408 (96%)
Queensdale	K-8	-	317	3	372 (117%)	385 (121%)	384 (121%)
Ridgemount	K-8	-	424	1	436 (103%)	434 (102%)	421 (99%)
			2,667	13	2,782 (104%)	2,757 (103%)	2,651 (99%)

History

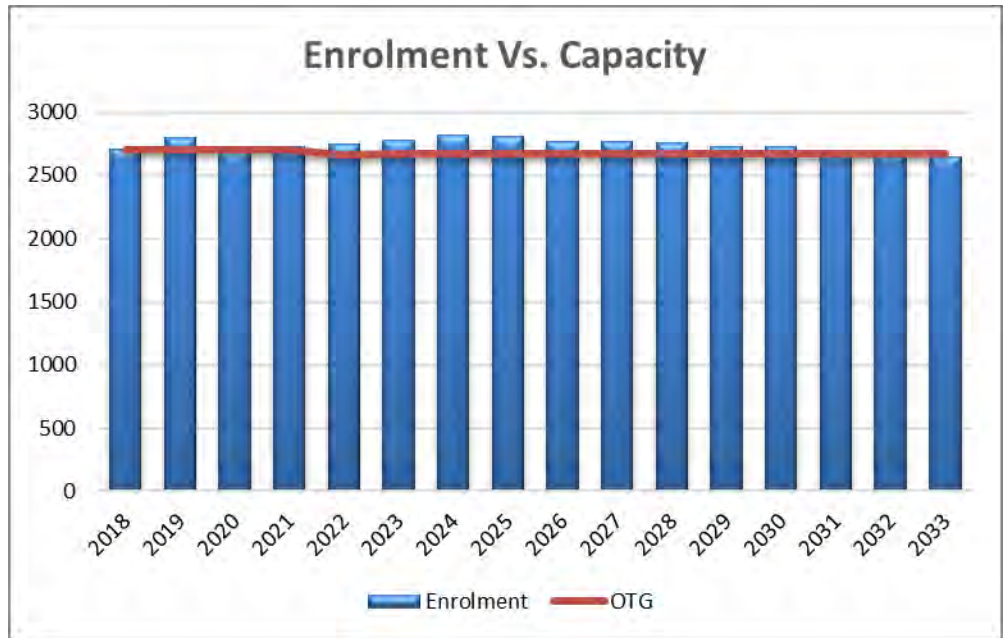
Accommodation review completed June 2014. Cardinal Heights, Eastmount Park and Linden Park closed in June 2015.

Renovations and additions completed at Franklin Road, G.L. Armstrong, Pauline Johnson, Queensdale and Ridgemount to accommodate consolidated schools. Franklin Road childcare centre addition completed.

Current Observations

Over the next ten years planning area 03 enrolment is expected to remain stable. The current overall utilization is 104% with 5 of the 6 schools exceeding 100% utilization. GL Armstrong currently has 118 excess pupil places.

Future residential development in the planning area is primarily located south of the Lincoln Alexander Parkway within Ridgemount’s boundary.



Next Steps

Monitor enrolment growth at Ridgemount as residential development begins to yield students. Future Long-Term Facilities Plan may recommend a boundary review to balance enrolments between schools within the planning area. Monitor enrolment of French Immersion program at Norwood Park through French Immersion application process.

School	Eng Grade	FI Grade	OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Hillcrest	K-8	-	764	-	484 (63%)	443 (58%)	419 (55%)
Parkdale	K-5	1-5	291	2	283 (97%)	313 (108%)	301 (104%)
Rosedale	K-5	-	211	4	292 (138%)	310 (147%)	299 (142%)
Viscount Montgomery	K-8	-	444	2	444 (100%)	487 (110%)	486 (109%)
W.H. Ballard	K-8	6-8	807	-	647 (80%)	663 (82%)	658 (82%)
			2,517	8	2,150 (85%)	2,216 (88%)	2,164 (86%)

History

Accommodation review completed June 2014. Closure of Roxborough Park and Woodward June 2015. Full day kindergarten renovations completed at Hillcrest, Viscount Montgomery and W.H. Ballard to accommodate consolidated schools.

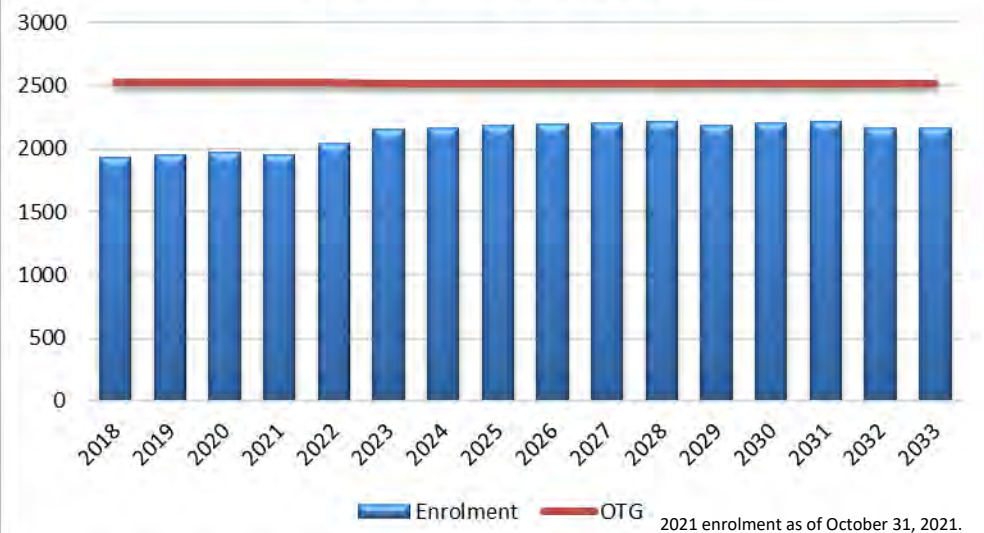
Relocation of the Glen Echo and Glen Brae French Immersion program in East Hamilton to Parkdale (1-5) and WH Ballard (6-8) in September 2021.

Current Observations

Over the next ten years planning area 04 enrolment is expected to slightly increase due to the addition of French Immersion at Parkdale and WH Ballard. The current overall utilization is 85%. The enrolments between the schools are imbalanced and range from 63% to 138%. Parkdale and Rosedale will continue to rely on temporary accommodation to accommodate enrolment as the smallest schools in the planning area. Rosedale and Viscount Montgomery experiencing increased enrolment due to neighbourhood regeneration and intensification.

Residential development in planning area 04 is limited and enrolment will continue to depend on neighbourhood regeneration and intensification.

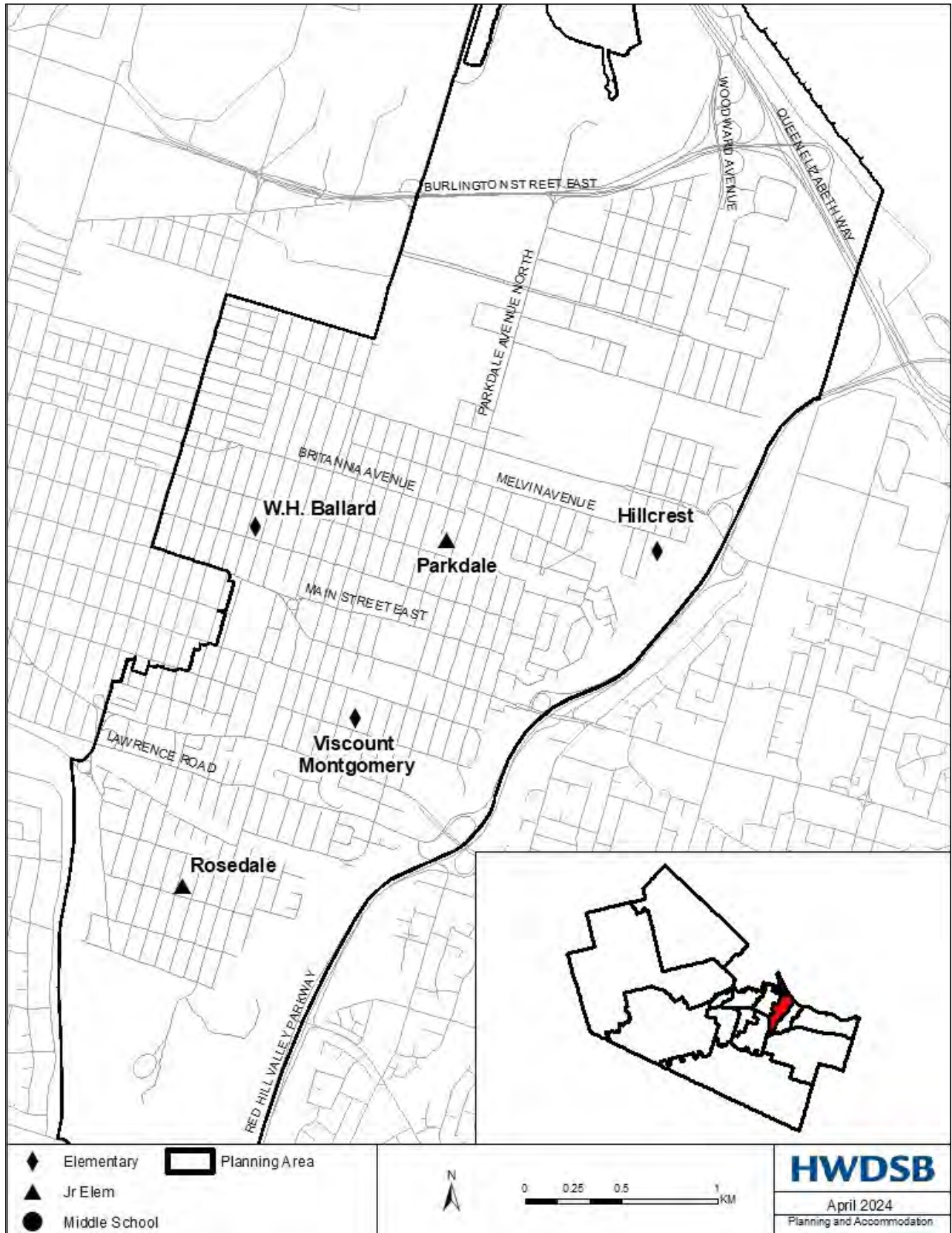
Enrolment Vs. Capacity



Next Steps

Continue to monitor enrolment and accommodation.

Future Long-Term Facilities Plan may recommend a boundary review to balance enrolments between schools within the planning area and reduce reliance on temporary accommodation. Consider including schools from Planning Area 11 - East Hamilton City 2 in review.



School	Eng Grade	FI Grade	OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Bennetto	K-8	1-8	721	-	543 (75%)	620 (86%)	641 (89%)
Cathy Wever	K-8	-	786	-	560 (71%)	484 (62%)	464 (59%)
Central	K-5	-	283	4	331 (117%)	310 (110%)	306 (108%)
Dr. J. Edgar Davey	K-8	-	726	-	563 (78%)	581 (80%)	590 (81%)
Earl Kitchener	K-5	1-5	548	-	537 (98%)	479 (87%)	459 (84%)
Hess Street	K-8	-	450	-	325 (72%)	336 (75%)	323 (72%)
Kanétskare	6-8	6-8	343	1	391 (114%)	403 (118%)	361 (105%)
Queen Victoria	K-8	-	764	-	599 (78%)	698 (91%)	724 (95%)
Strathcona	K-5	-	245	-	211 (86%)	186 (76%)	184 (75%)
			4,866	5	4,060 (83%)	4,097 (84%)	4,051 (83%)

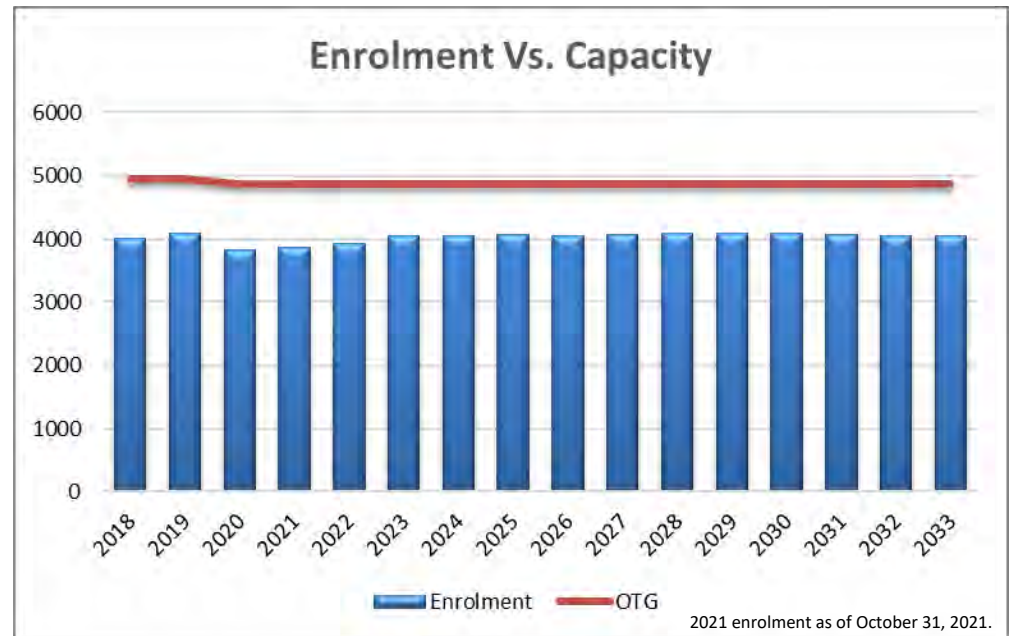
History

Accommodation Review completed in June 2017. Approved closure of Hess Street and Strathcona pending new K-8 school on Sir John A. Macdonald site. New Bennetto French Immersion program introduced in 2018. Purpose of program is to create equity of access to FI and alleviate enrolment pressure at Earl Kitchener and Kanétskare. Bennetto and Dr. Davey new childcare centre retrofits completed in 2020.

Capital Priority submission in February 2022 for a new school to replace Hess and Strathcona on former Sir John A Macdonald site was not approved.

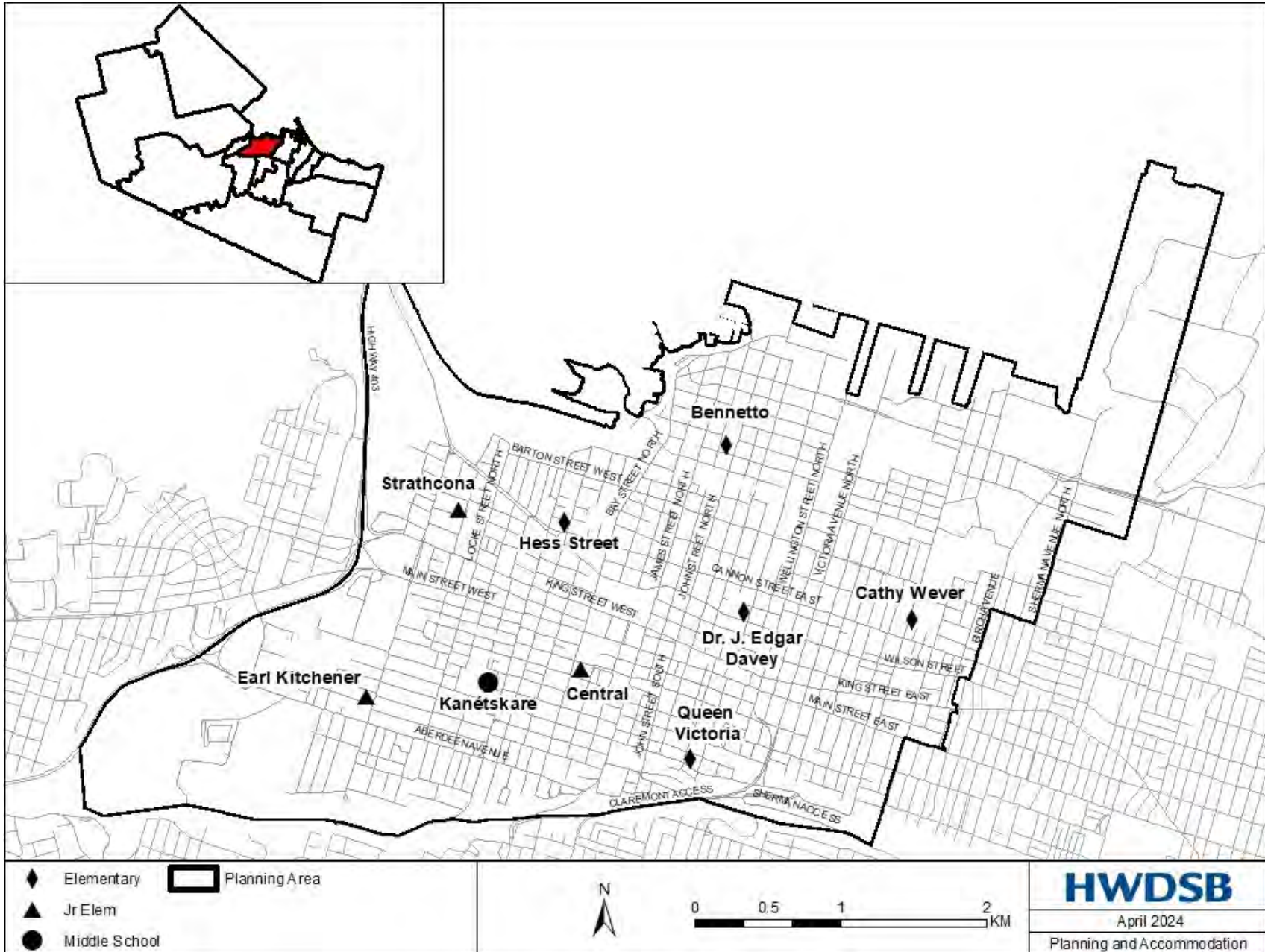
Current Observations

Over the next ten years planning area 05 enrolment is expected remain stable. The current overall utilization is 83%. The enrolments between the schools are imbalanced and range from 71% to 117%. Central and Kanétskare, two of the smaller schools in the planning area, will continue to rely on temporary accommodation to accommodate enrolment.



Next Steps

Continue to pursue funding for new school on Sir John A. Macdonald site and monitor enrolment and accommodation in the planning area.



School	Eng Grade	FI Grade	OTG	2028 OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Bellmoore	K-8	-	640	640	14	991 (155%)	705 (110%)	649 (101%)
E.E. Michaelle Jean	-	1-8	265	265	3	306 (115%)	291 (110%)	291 (110%)
Mount Hope	K-8	-	363	541	4	493 (136%)	580 (107%)	549 (101%)
New School—Binbrook	K-8	-	0	634	-	-	498 (78%)	643 (101%)
			1,268	2,080	21	1,790 (141%)	2,074 (100%)	2,132 (102%)

History

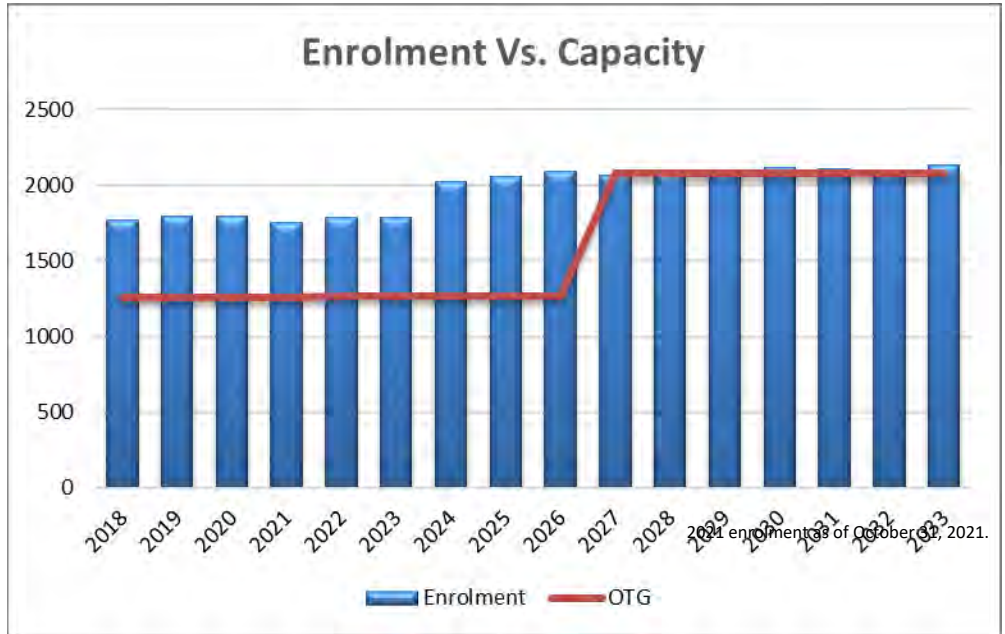
Completed accommodation strategy to relieve Bellmoore enrolment pressure in 2019. Temporary boundary change directed all new students residing south of Binbrook road to attend Shannen Koostachin starting in Sept 2019.

Ministry of Education approved funding for new 634 pupil place K-8 school in Binbrook. Date of construction dependent on land purchase and registration timing. Ministry of Education funding received April, 2024 for the construction of a 6 classroom, learning commons and childcare addition at Mount Hope elementary school. Design underway.

Current Observations

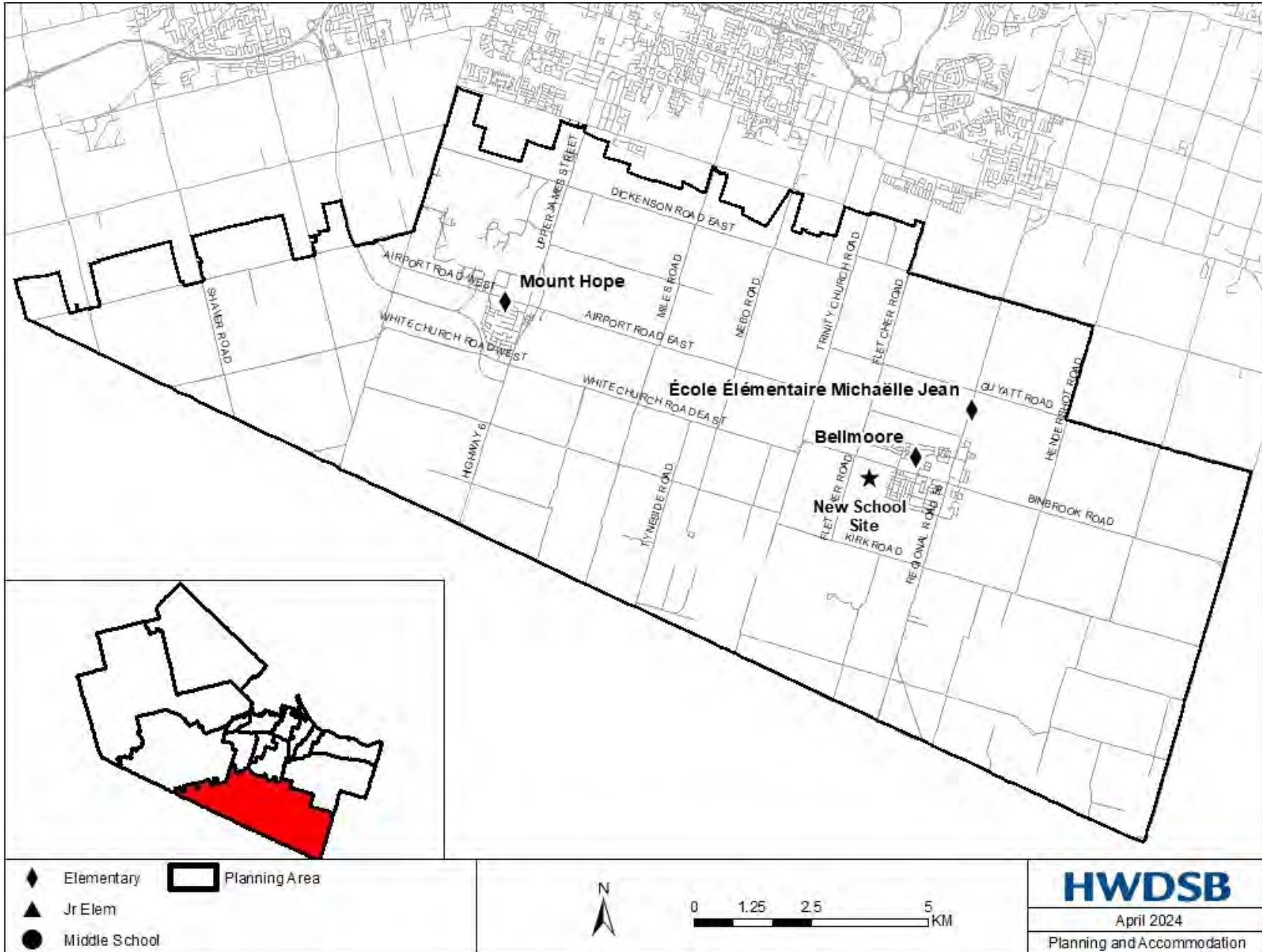
Mount Hope enrolment is projected to increase due to active residential development in the Mount Hope area. Mount Hope currently has 4 portables and will require additional portables as homes become occupied in new development.

Residential development in Binbrook has been extensive over the past 10 years but has slowed in past 2-3 years. The remaining residential lands are currently in the development stage and will begin construction in the next year. New students residing south of Binbrook Rd are now being redirected to Shannen Koostachin to ease enrolment pressure at Bellmoore. Bellmoore currently has a 10 room portapak and 4 portables on site. Enrolment projections associated with a new school are subject to change once a permanent boundary is approved.



Next Steps

- Finalize purchase of school site in Binbrook, continue school design. Once site is registered, commence construction of new school.
- Commence design and construction of addition at Mount Hope.
- Boundary Review to create new school boundary for school in Binbrook. Current enrolment projections subject to change once the boundary is approved.



School	Eng Grade	FI Grade	OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Cecil B. Stirling	K-8	-	326	-	313 (96%)	334 (103%)	336 (103%)
Helen Detwiler	K-8	-	444	6	462 (104%)	405 (91%)	386 (87%)
Highview	K-8	-	511	-	553 (108%)	535 (105%)	480 (94%)
Huntington Park	K-8	-	453	6	483 (107%)	510 (113%)	520 (115%)
Lawfield	K-8	1-8	602	6	712 (118%)	699 (116%)	709 (118%)
Lincoln M. Alexander	K-6	-	326	-	230 (71%)	250 (77%)	258 (79%)
Lisgar	K-8	-	369	-	320 (87%)	269 (73%)	250 (68%)
Ray Lewis	K-8	-	628	-	540 (86%)	568 (90%)	584 (93%)
Richard Beasley	K-5	-	280	-	154 (55%)	158 (56%)	160 (57%)
Templemead	K-8	-	513	2	593 (116%)	568 (111%)	561 (109%)
			4,452	20	4,360 (98%)	4,296 (96%)	4,243 (95%)

History

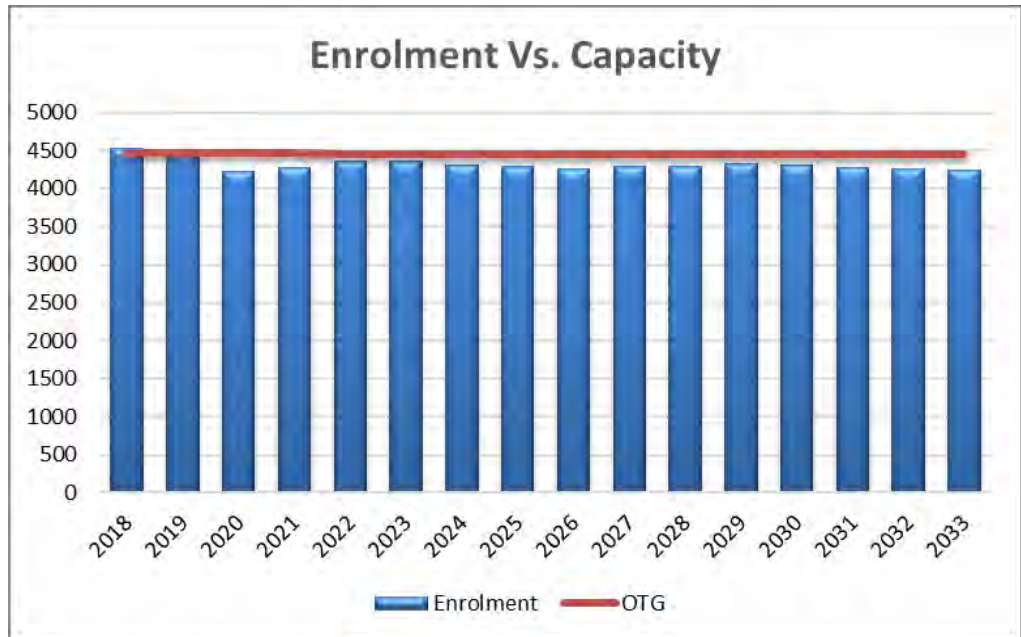
Limited accommodation changes over the past 10 years. Lawfield and Templemead received portables due to increased enrolment. CB Stirling portapak demolished summer 2022.

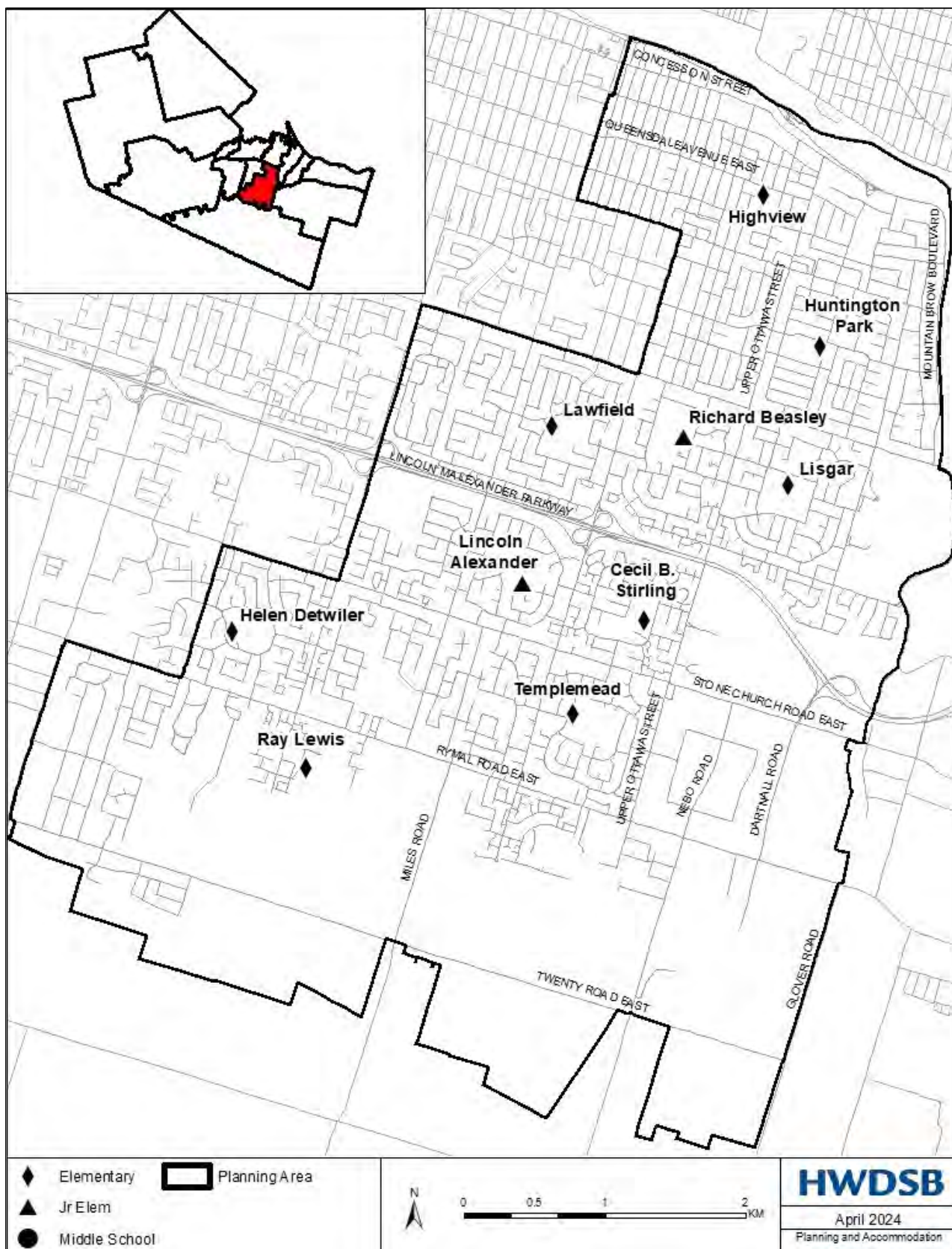
Current Observations

Over the next ten years planning area 07 enrolment is expected to remain relatively stable. The current overall utilization is 98%. The enrolments between the schools are imbalanced with a large range of utilizations from 55% to 118%. Lawfield and Templemead will continue to rely on temporary accommodation to accommodate enrolment. FI program popularity at Lawfield led to recent enrolment growth. There is limited projected residential development in the planning area as most neighbourhoods are mature. Future residential development is mainly within Ray Lewis’ catchment area.

Next Steps

Monitor French Immersion enrolment at Lawfield annually through grade 1 application process. Potential future accommodation review (s) for the planning area to improve enrolment distribution and address some facility condition concerns in the planning area.







Elementary Planning Area 08—Lower Stoney Creek

School	Eng Grade	FI Grade	OTG	Portables	2022 Enrol (Util)	2027 Enrol (Util)	2032 Enrol (Util)
Collegiate Avenue	K-8	-	495	-	448 (91%)	471 (95%)	463 (93%)
Eastdale	K-8	-	565	12	851 (151%)	867 (153%)	855 (151%)
South Meadow	K-8	-	495	3	598 (121%)	580 (117%)	569 (115%)
Winona	K-8	-	761	6	936 (123%)	1070 (141%)	1159 (152%)
			2,316	21	2,833 (122%)	2,988 (129%)	3,046 (132%)

History

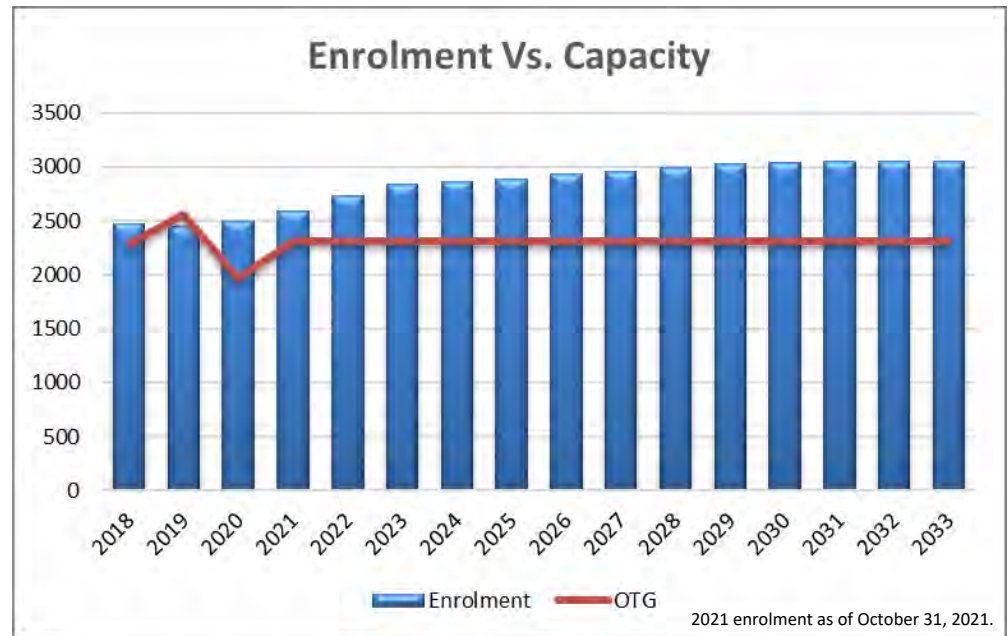
Accommodation review completed in June 2016. New Eastdale facility opened January 2020, South Meadow with childcare centre opened in January 2021 and addition at Collegiate Ave with childcare centre completed September 2021. RL Hyslop, Green Acres and Mountain View closed June 2021.

Current Observations

Overall utilization of planning area 08 is currently 122% with 3 of the 4 schools over 100% utilization. Eastdale utilization is currently at 151%, the school is projected to remain overutilized for the next 10 years due to French Immersion program growth and a recent influx of English program enrolment .

There is limited residential development in the west portion of the planning area. Collegiate, Eastdale and South Meadow neighbourhoods are mature and enrolment will vary based on neighbourhood regeneration, intensification and FI programming availability.

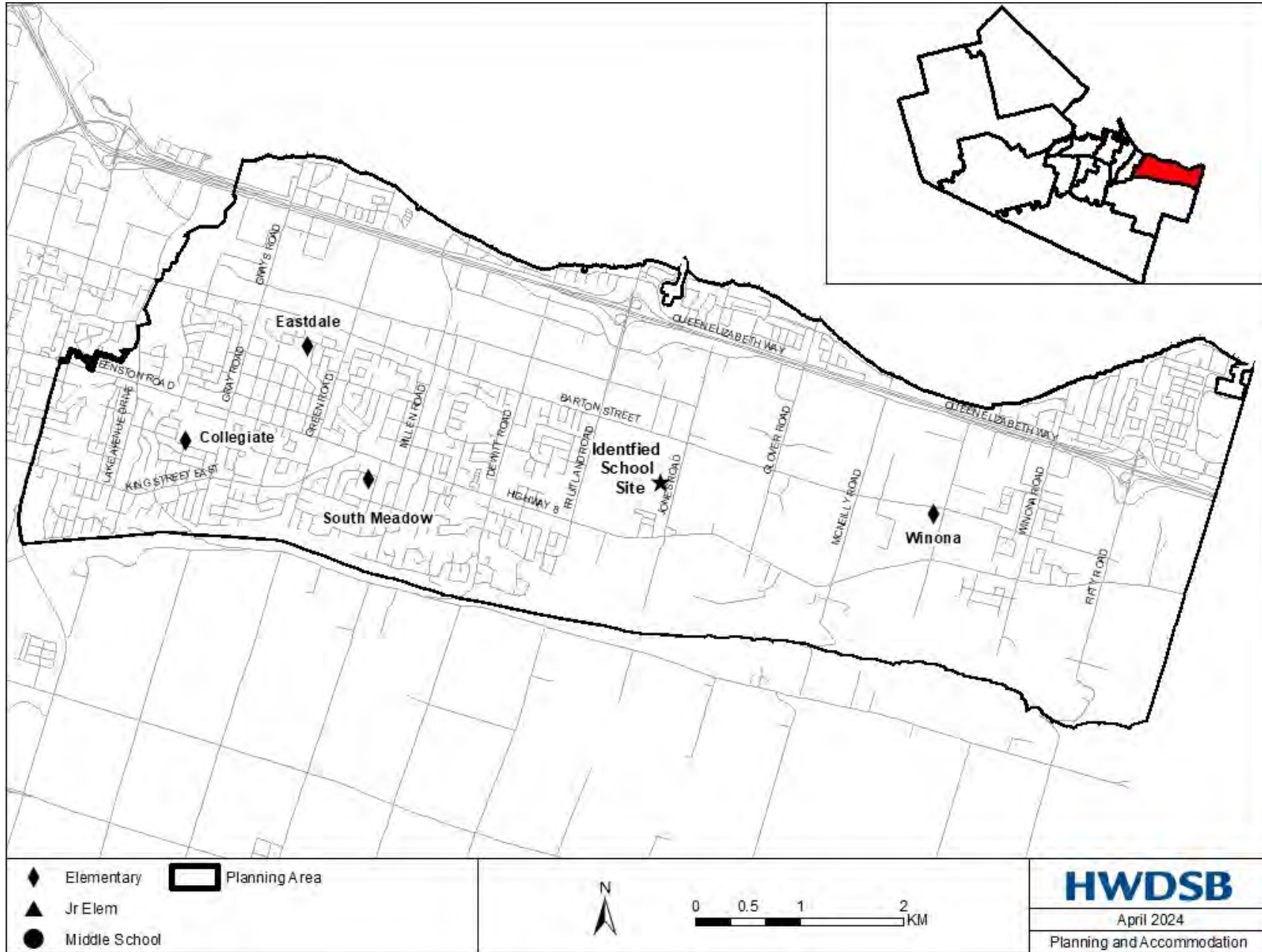
Winona’s enrolment projections indicates an increase over the next ten years due to new residential development within the Fruitland-Winona area. The Fruitland-Winona secondary plan was approved in 2018 and incorporated in the Hamilton’s Official Plan. The area is expected to be developed over the next 20 years as infrastructure and servicing are completed. The City of Hamilton has received development applications for lands within this area, HWDSB staff continue to track applications and servicing plans via the City of Hamilton.



Next Steps

Initiate a boundary review for the 2024/25 school year to balance enrolment and facility utilization. English Program and French Programs to be reviewed.

Projected land purchase in Winona in 2028 for future JK-8 elementary school to accommodate growth in the Fruitland-Winona Secondary Plan area. HWDSB continues to monitor planning applications as they are submitted to the City by developers and are incorporate into enrolment projections.



School	Eng Grade	FI Grade	OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Buchanan Park	K-5	-	245	-	182 (74%)	173 (71%)	163 (66%)
Chedoke	K-8	-	510	-	434 (85%)	453 (89%)	442 (87%)
Gordon Price	K-8	-	442	-	408 (92%)	399 (90%)	390 (88%)
Holbrook	K-5	-	326	-	222 (68%)	176 (54%)	177 (54%)
James Macdonald	K-5	-	354	-	311 (88%)	361 (102%)	372 (105%)
Mountview	K-5	-	291	-	268 (92%)	255 (88%)	251 (86%)
R.A. Riddell	K-8	-	594	4	771 (130%)	760 (128%)	761 (128%)
Westview	6-8	-	343	-	252 (73%)	304 (89%)	284 (83%)
Westwood	K-5	-	395	-	338 (86%)	326 (82%)	338 (86%)
			3,500	4	3,186 (91%)	3,209 (92%)	3,177 (91%)

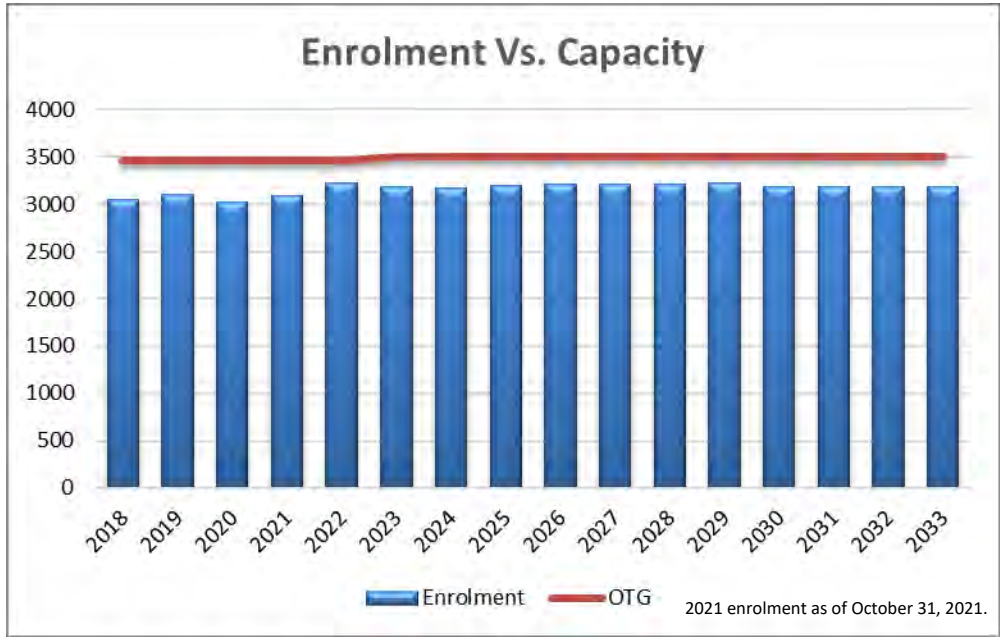
History

Limited accommodation changes in planning area 09 over the past ten years. Chedoke received a interior childcare retrofit to utilize excess space within the facility.

Current Observations

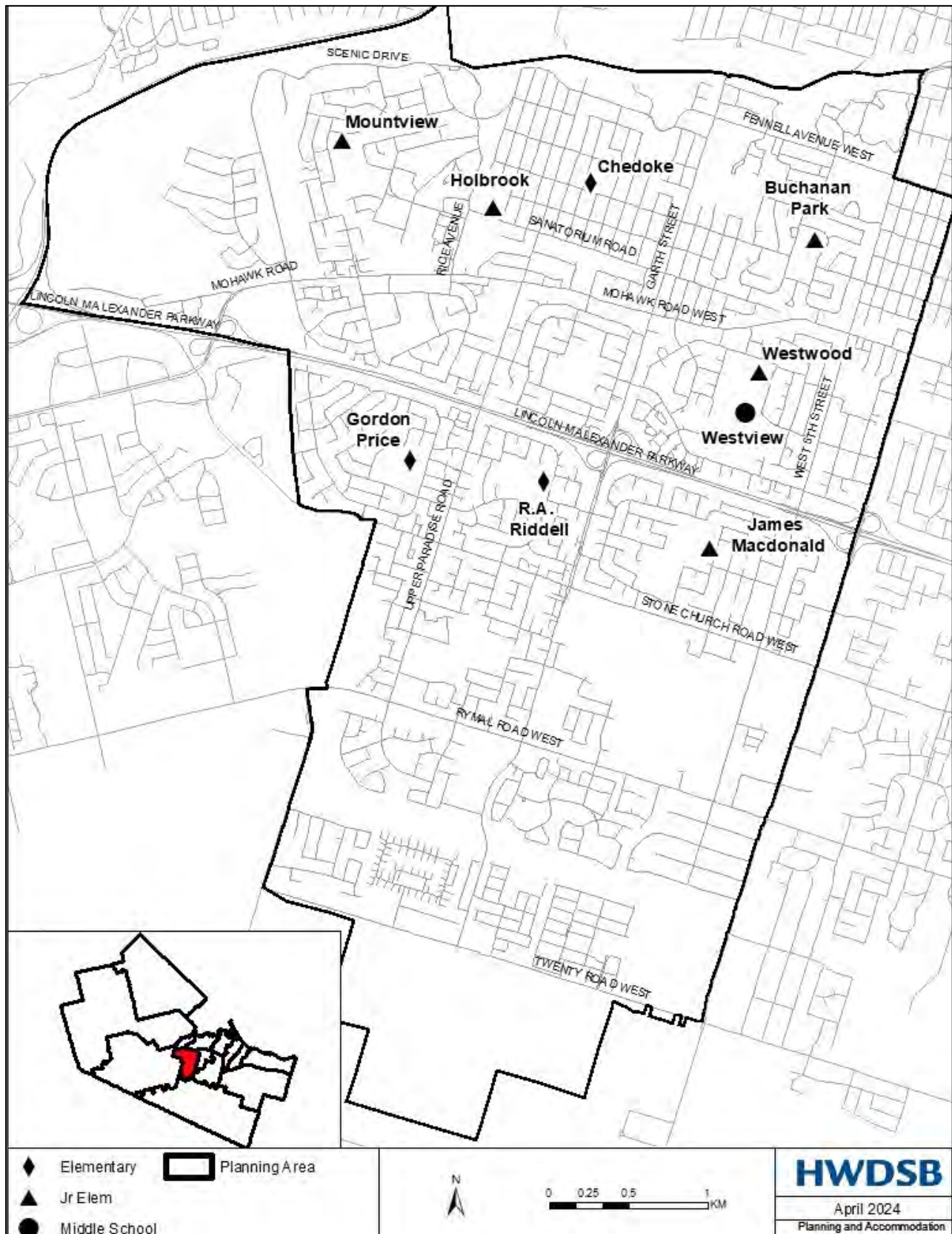
Over the next ten years planning area 09 enrolment is expected to remain stable. The majority of neighbourhoods in the planning area are mature. Enrolment levels will continue to rely on neighbourhood regeneration and intensification. The current overall utilization is 91%. Enrolment, grade structure and facility size varies in the planning area. Utilization is imbalanced with schools ranging from 68% and 130%.

RA Riddell will continue to rely on temporary accommodation due to unique focus program offerings.



Next Steps

Continue to monitor enrolment and accommodation. Potential future accommodation review (s) for the planning area to improve enrolment distribution and address some facility condition concerns in the planning area.



School	Eng Grade	FI Grade	OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Ancaster Meadow	K-8	-	576	-	595 (103%)	553 (96%)	559 (97%)
Frank Panabaker - North	1-4	1-4	383	-	323 (84%)	292 (76%)	285 (75%)
Frank Panabaker - South	K, 5-8	5-8	505	-	479 (95%)	499 (99%)	455 (90%)
Rousseau	K-6	-	291	-	254 (87%)	244 (84%)	243 (84%)
Spring Valley	K-8	-	493	-	424 (86%)	364 (74%)	346 (70%)
Tiffany Hills	K-8	-	514	7	684 (133%)	693 (135%)	663 (129%)
			2,762	7	2,759 (100%)	2,644 (96%)	2,552 (92%)

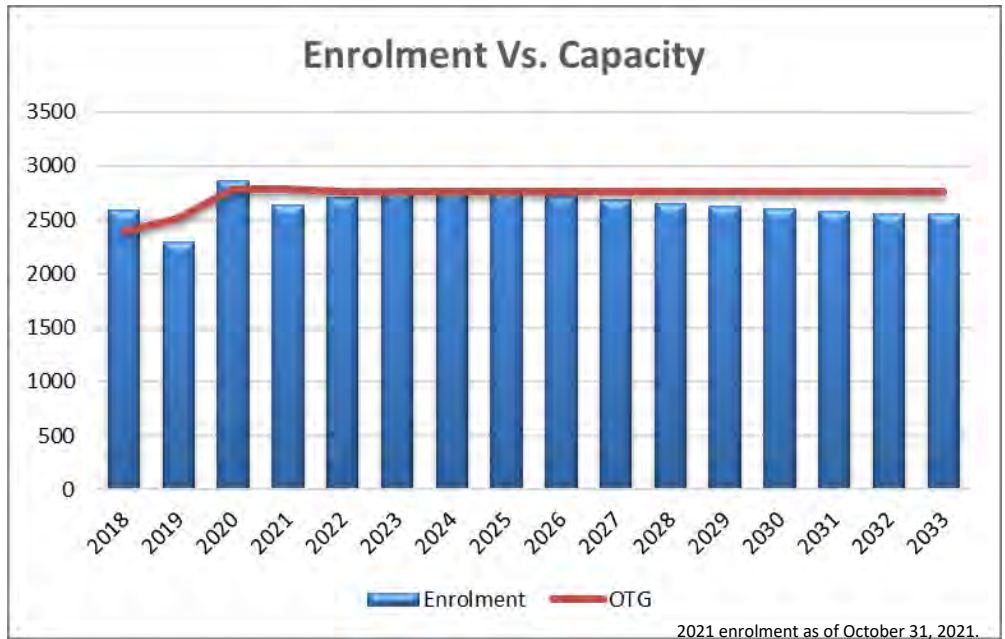
History

Tiffany Hills opened in January 2017. Accommodation Review completed in June 2017. Approved closures of CH Bray, Fessenden and Queen’s Rangers. Ministry funding approval for replacement CH Bray (Spring Valley) and addition at Ancaster Senior (Frank Panabaker) received in November 2017. Addition to Ancaster Senior facility completed Sept 2019. Spring Valley with new childcare construction completed, school opened in September 2020. Queen’s Rangers facility closed June 2020.

Current Observations

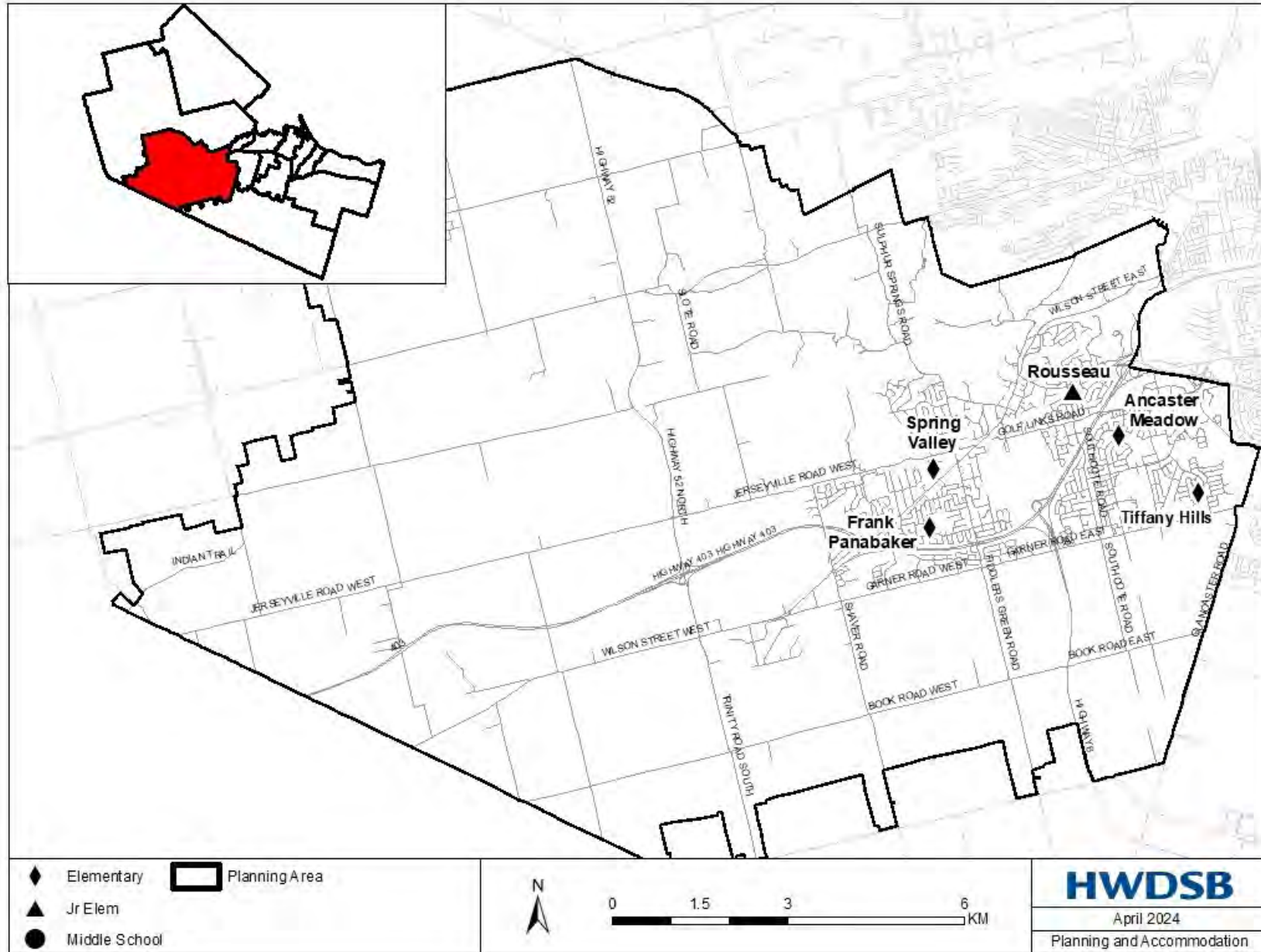
Over the next ten years planning area 10 enrolment is expected to slightly decline. The Ancaster planning area is a combination of mature neighbourhoods and newly developed neighbourhoods. Ancaster Meadow and Tiffany Hills are located in Meadowlands which has rapidly developed over the past 10 years. Development in this area is expected to slow in comparison to the previous 10 years since the majority of identified residential land has been built out. There will continue to be some minor growth at Tiffany Hills as the residential development is completed.

In February 2022, staff submitted a capital priorities business case to the MOE for funds to demolish and reconstruct Rousseau as a K-8 facility. Funding was not awarded by the Ministry of Education.



Next Steps

Continue to pursue funding from MOE for replacement Rousseau. As per the transition plan, the table and chart depict both facilities on the Frank Panabaker campus to remain open as one K-8 school. Once the funding request and construction of a new Rousseau facility is completed, Frank Panabaker North facility will close. If funding is not provided, consider initiating a boundary review to balance enrolment and facility utilization in the Ancaster Planning Area. English Program and French Programs to be reviewed.



School	Eng Grade	FI Grade	OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Lake Avenue	K-8	-	516	8	668 (129%)	670 (130%)	662 (128%)
Sir Wilfrid Laurier	K-8	-	758	2	791 (104%)	781 (103%)	801 (106%)
Viola Desmond	K-8	-	680	7	812 (119%)	892 (131%)	857 (126%)
			1,954	17	2,271 (116%)	2,343 (120%)	2,320 (119%)

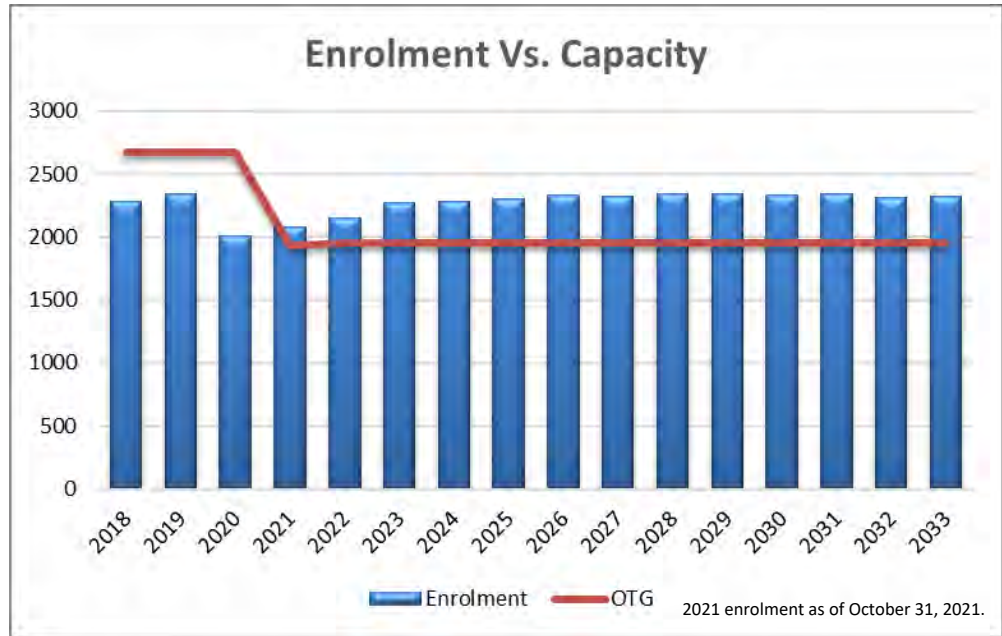
History

Accommodation review completed in June 2016. September 2020 — relocation of the Glen Echo and Glen Brae French Immersion program in East Hamilton to Parkdale (1-5) and WH Ballard (6-8). Viola Desmond Elementary school opened in September 2021 allowing for the closure of Glen Brae, Glen Echo, Sir Isaac Brock and Elizabeth Bagshaw schools which all closed in June 2021.

Boundary review completed in January 2018 between Lake Avenue and Green Acres. Students from the Riverdale West neighbourhood moved from Green Acres to Lake Avenue.

Current Observations

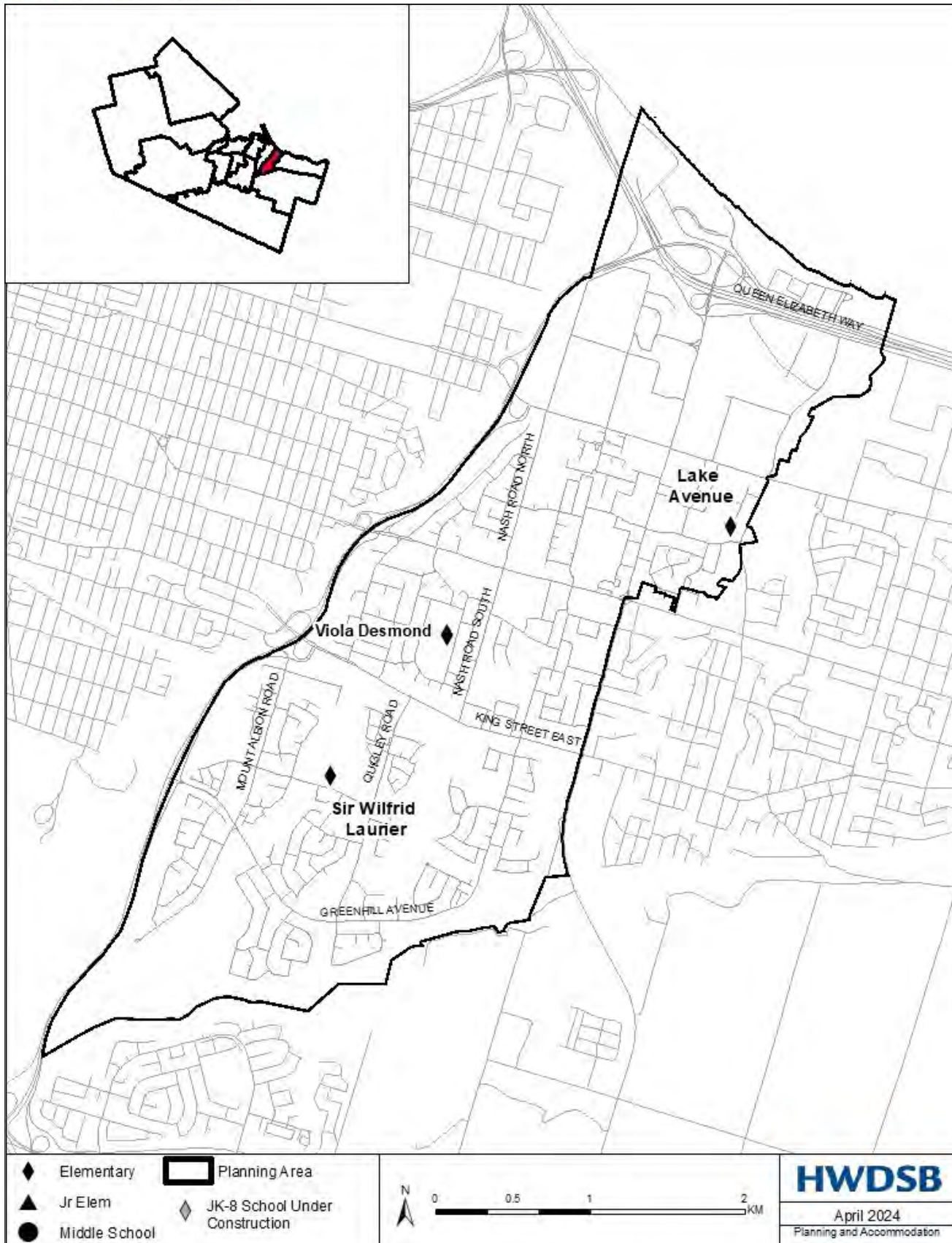
Overall utilization of planning area 11 is currently 116%. The enrolment is projected to remain stable in the planning area over the next 10 years. There is limited residential development and enrolment will rely on neighbourhood regeneration and intensification. Lake Ave will continue to rely on temporary accommodation due to high yields from area apartment buildings. Viola Desmond enrolment expected to grow due to large kindergarten cohorts and an increase in out of Board students.



Next Steps

Continue to monitor enrolment and accommodation.

Consider initiating a boundary review to balance enrolment and facility utilization in the East Hamilton City 2 Planning Area. English Program and French Programs to be reviewed. Consider including schools from Planning Area 04 - East Hamilton City 1 in review.



School	Eng Grade	FI Grade	OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
A.M. Cunningham	K-5	1-5	389	4	458 (118%)	422 (109%)	414 (106%)
Adelaide Hoodless	K-8	-	574	-	549 (96%)	627 (109%)	604 (105%)
Memorial	K-8	-	668	-	360 (54%)	402 (60%)	396 (59%)
Prince of Wales	K-8	-	772	-	550 (71%)	463 (60%)	446 (58%)
Queen Mary	K-8	-	666	-	526 (79%)	493 (74%)	481 (72%)
			3,069	4	2,443 (80%)	2,407 (78%)	2,341 (76%)

History

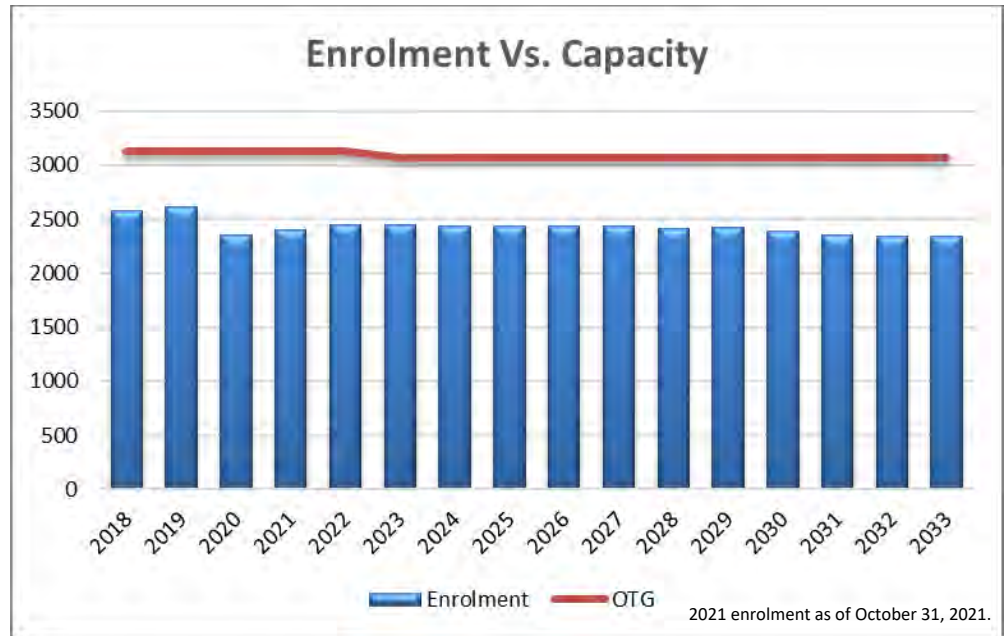
There has been limited accommodation change in this planning area over the past 10 years.

In 2020, Grade 5 FI students from AM Cunningham were redirected from Glen Brae to WH Ballard for grades 6, 7 and 8 as a result of the FI program review in East Hamilton.

Current Observations

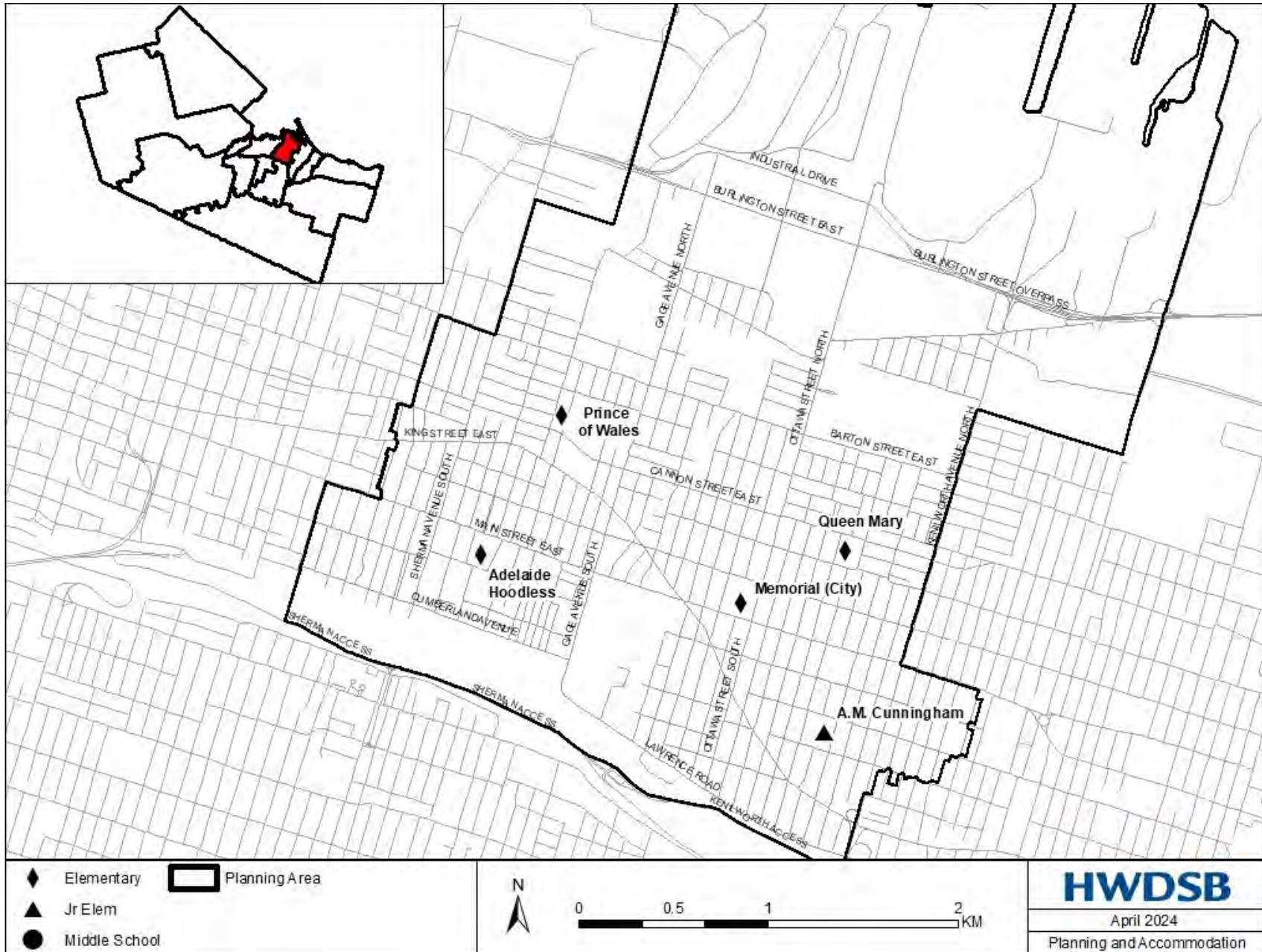
Over the next ten years planning area 12 enrolment is expected to remain steady. The current utilization is 80% but enrolments between the schools are imbalanced with a large range of utilizations from 54% to 118%. AM Cunningham will continue to rely on temporary accommodation.

Residential development in planning 12 is limited and enrolment will continue to depend on neighbourhood regeneration and intensification to drive enrolment. Adelaide Hoodless’ enrolment is expected to grow over the next 5 years due to ongoing neighbourhoods regeneration. Through early learning centres, childcare, FI programming and special education, schools in this planning area are used more efficiently than the utilization indicates.



Next Steps

Continue to monitor enrolment, programming and accommodation. Monitor enrolment at AM Cunningham through grade 1 FI application process. Future Long-Term Facilities Plan may recommend a boundary review to balance enrolment and facility utilization in the Central Hamilton City Planning Area. English Program and French Programs to be reviewed.



School	Eng Grade	FI Grade	OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Dundana	K-5	1-5	398	-	307 (77%)	320 (80%)	321 (81%)
Dundas Central	K-8	-	442	-	350 (79%)	353 (80%)	344 (78%)
Greensville	K-8	-	381	-	307 (81%)	316 (83%)	305 (80%)
Rockton	K-8	-	453	-	498 (110%)	535 (118%)	525 (116%)
Sir William Osler	K-8	6-8	602	-	598 (99%)	594 (99%)	615 (102%)
Yorkview	K-5	-	236	4	164 (69%)	163 (69%)	164 (69%)
			2,512	4	2,224 (89%)	2,279 (91%)	2,273 (90%)

History

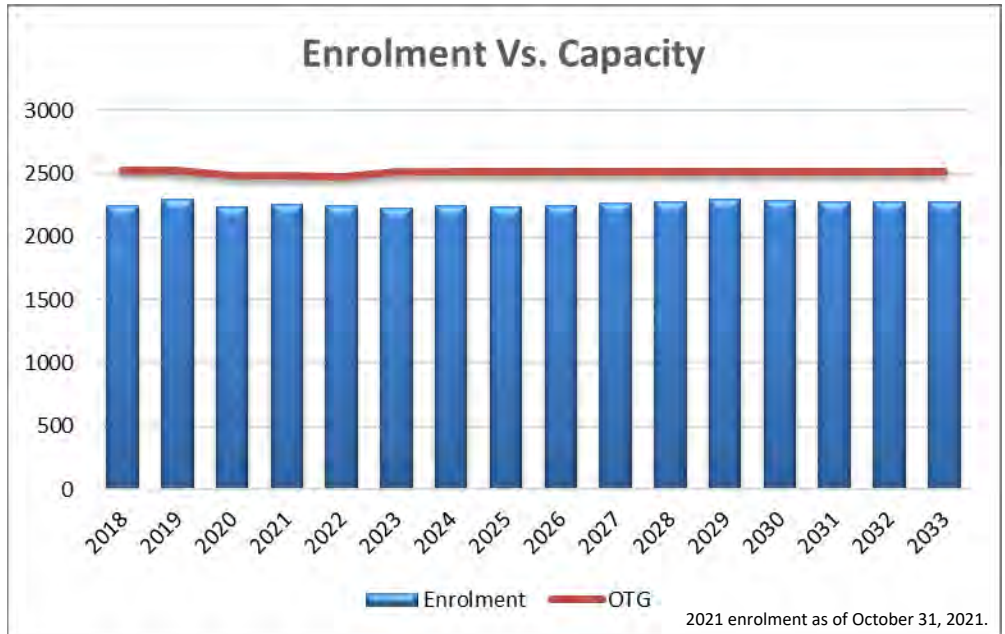
West Flamborough accommodation review completed June 2014. Beverly Central and Dr. Seaton approved to be consolidated into new Rockton Elementary School. Greensville and Spencer Valley approved to be consolidated into new school on Greensville site.

In partnership with the City of Hamilton, new Greensville facility complete with public library and childcare centre and Rockton complete with community centre were opened in September 2020. Beverly Central, Dr Seaton and Spencer Valley closed June 2020.

Observations

Over the next ten years planning area 13 enrolment is expected remain steady. The majority of neighbourhoods in the planning area are mature. Enrolment levels will continue to rely on neighbourhood regeneration and intensification. The current overall utilization is 89%. New schools Rockton and Greensville are expected to maintain consistent enrolment over the next 10 years.

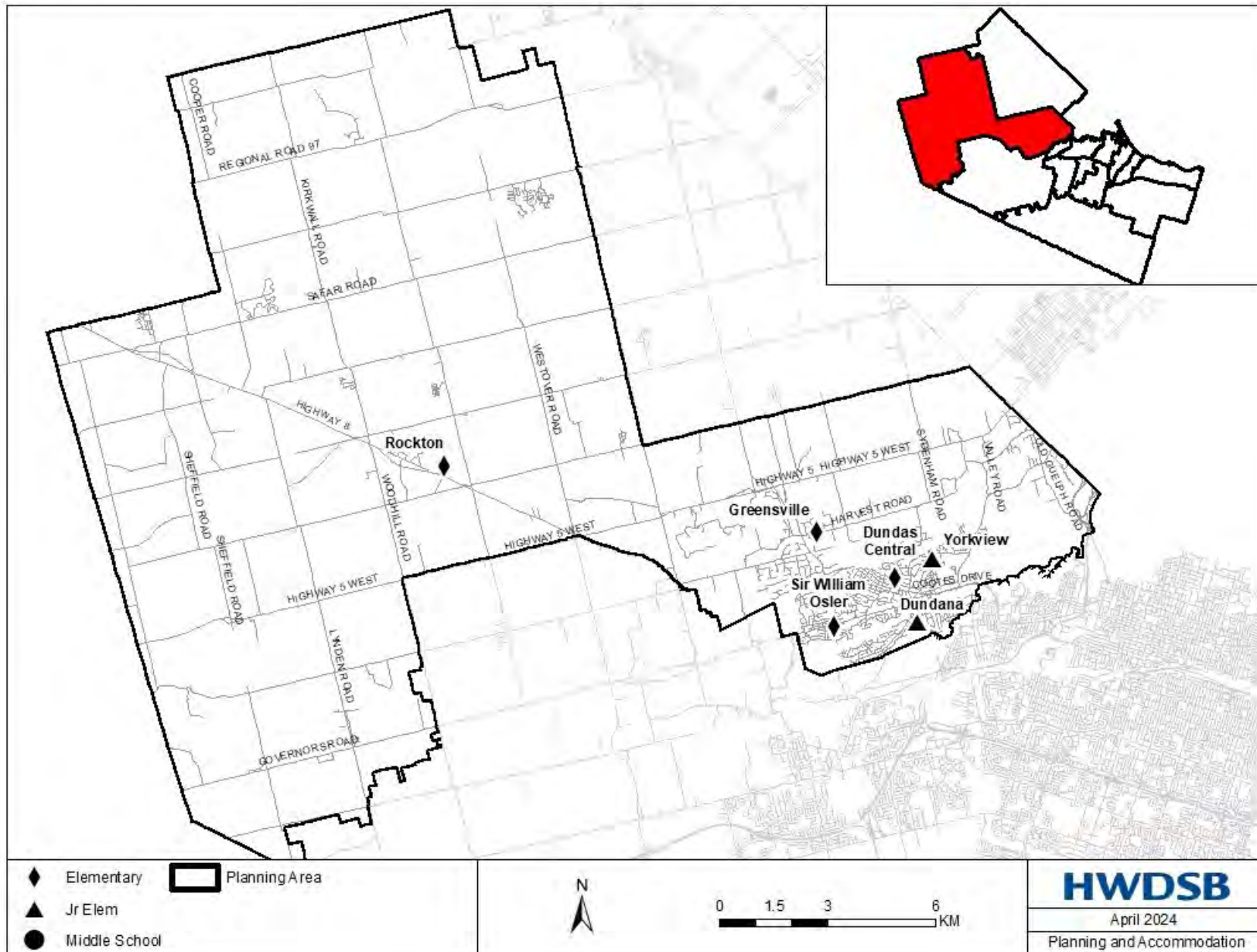
The Dundas area schools include Dundana, Dundas Central, Sir William Osler and Yorkview. Enrolment, grade structure and facility size varies while the utilization is imbalanced between schools ranging from 69% and 99%. There is limited residential development in Dundas and the neighbourhoods are mature. Majority of future enrolment will come from neighbourhood regeneration and intensification.



Next Steps

Continue to monitor overall enrolment and accommodation.

Potential future accommodation review for the Dundas portion of the planning area to improve enrolment distribution and address some facility condition concerns in the planning area.



School	Eng Grade	FI Grade	OTG	2028 OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Billy Green	K-8	-	400	400	1	395 (99%)	339 (85%)	336 (84%)
Gatestone	K-8	-	582	582	-	511 (88%)	626 (108%)	596 (102%)
Janet Lee	K-8	-	378	378	4	476 (126%)	515 (136%)	446 (118%)
Mount Albion	K-8	-	522	522	3	521 (100%)	609 (117%)	557 (107%)
Shannen Koostachin	K-8	-	599	599	9	847 (141%)	599 (100%)	637 (106%)
Tapleystown	K-8	-	291	0	10	503 (173%)	0 (%)	0 (%)
New School—Upper Stoney Creek	K-8	-	0	650	-	0 (%)	694 (107%)	672 (103%)
			2,772	3,131	27	3253 (117%)	3381 (108%)	3244 (104%)

History

Completed boundary review including Billy Green, Janet Lee and Tapleystown to create new boundary for Shannen Koostachin in 2018. Shannen Koostachin school opened September 2019. 10 room addition and childcare centre completed in 2020 at Mount Albion to accommodate long term growth from residential development.

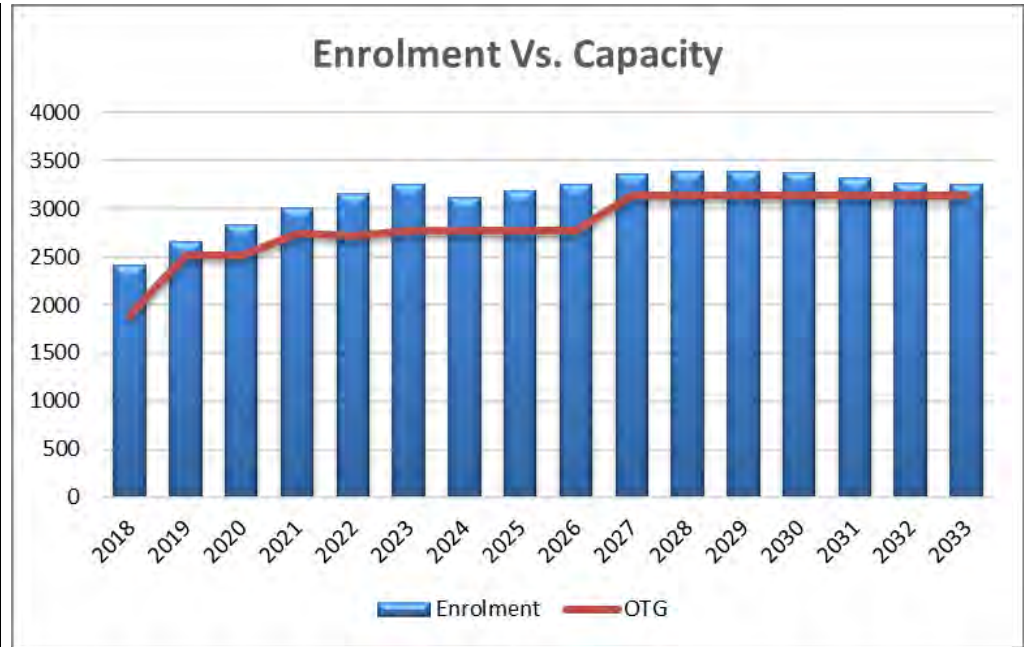
Temporary boundary change directed all new students residing south of Binbrook road to attend Shannen Koostachin starting in Sept 2019.

Upper Stoney Creek (Nash neighbourhood) land purchased in 2020. Ministry of Education approved funding for new 650 pupil place K-8 school in Upper Stoney Creek.

Completed a boundary review between Shannen Koostachin and Gatestone to alleviate enrolment pressure at Shannen Koostachin in 2023/24.

Current Observations

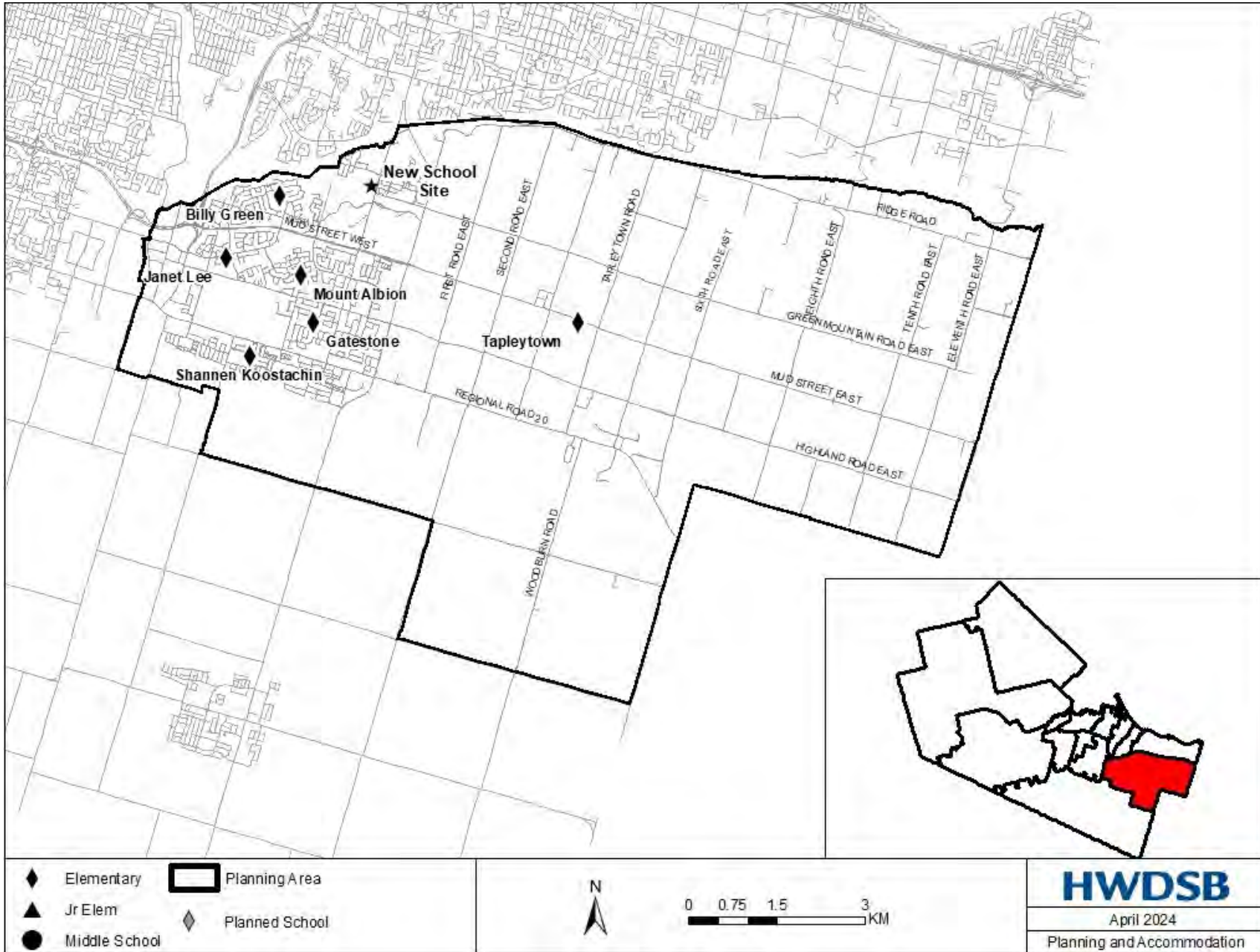
Projections indicate an increasing enrolment due to residential development in the planning area. Residential development along Rymal Road, Upper Centennial, south of Mud Street and Green Mountain Rd West continues to drive enrolments at Shannen Koostachin, Janet Lee, Mount Albion and Tapleystown. The approved new School in Upper Stoney Creek will replace Tapleystown facility and provide enrolment pressure relief for this area.



Next Steps

Continue design and then construction of new school in Upper Stoney Creek.

Consider submitting a Capital Priority funding request for an addition at Janet Lee to accommodate new development.



School	Eng Grade	FI Grade	OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Bernie Custis	9-12	-	1,230	-	982 (80%)	1,076 (87%)	1,150 (94%)
Glendale	9-12	-	1,050	-	1,182 (113%)	1,158 (110%)	1,209 (115%)
Orchard Park	9-12	-	1,332	-	1,079 (81%)	1,090 (82%)	1,168 (88%)
Sir Winston Churchill	9-12	-	1,176	-	772 (66%)	827 (70%)	821 (70%)
			4,788	0	4,015 (84%)	4,151 (87%)	4,348 (91%)

History

North secondary accommodation review completed in 2012. Approved closure of Delta, Sir John A. Macdonald and Parkview secondary schools.

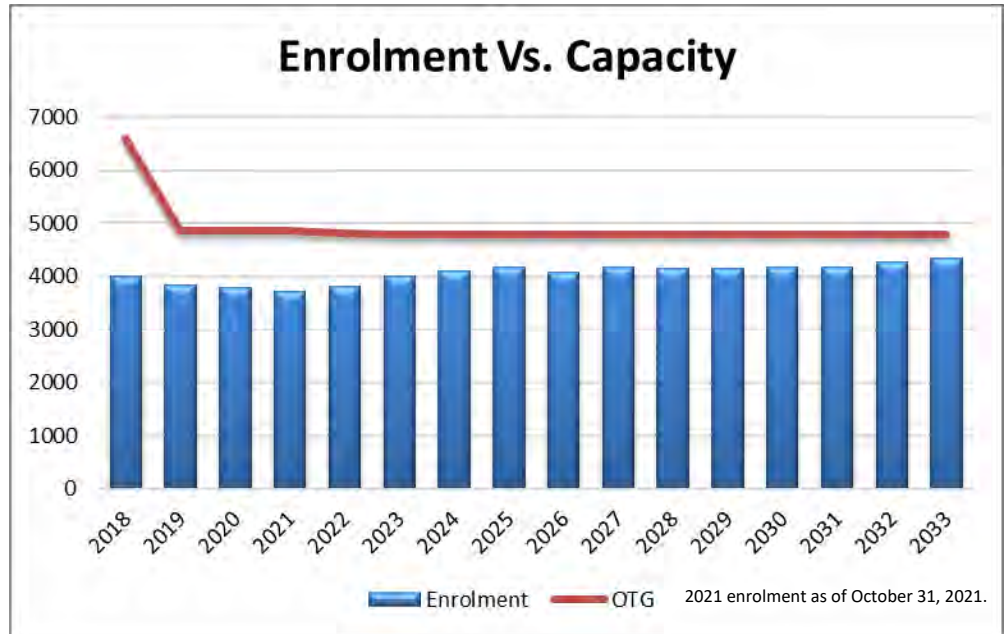
Parkview closed in June 2014. Sir John A. Macdonald and Delta closed June 2019.

Bernie Custis Secondary School opened in September 2019.

Current Observations

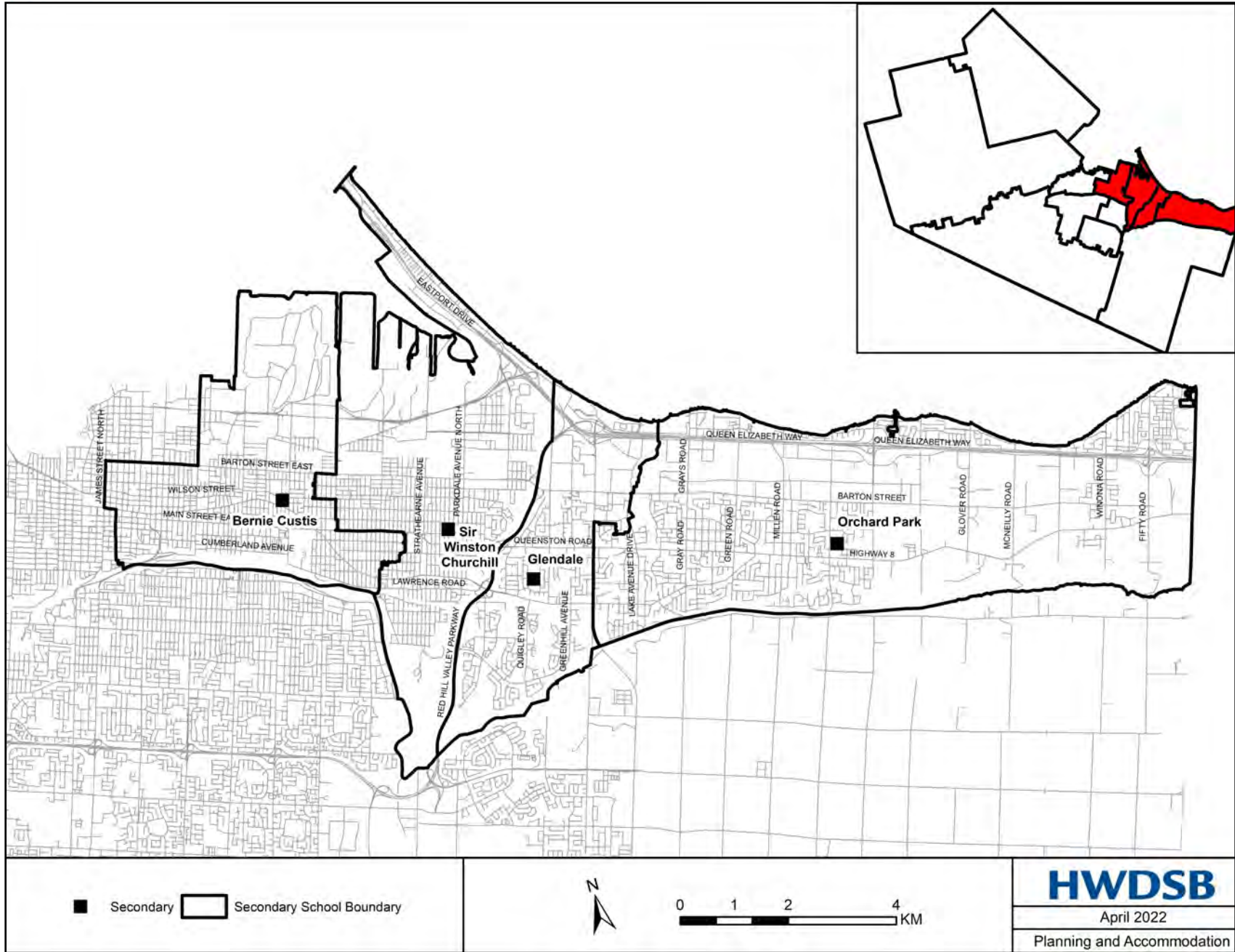
Over the next ten years the North Secondary Planning Area enrolment is expected to slightly increase. The current utilization of the planning area is 84% but enrolments between the schools are imbalanced and utilizations range from 66% to 113%. The introduction of HWDSB’s Audition-Based Programs of the Arts has led to enrolment growth at Glendale.

Residential development in the North Secondary Planning Area is limited and enrolment will continue to depend on program growth, neighbourhood regeneration, intensification and grade 8 retention.



Next Steps

Continue to monitor enrolment and accommodation.



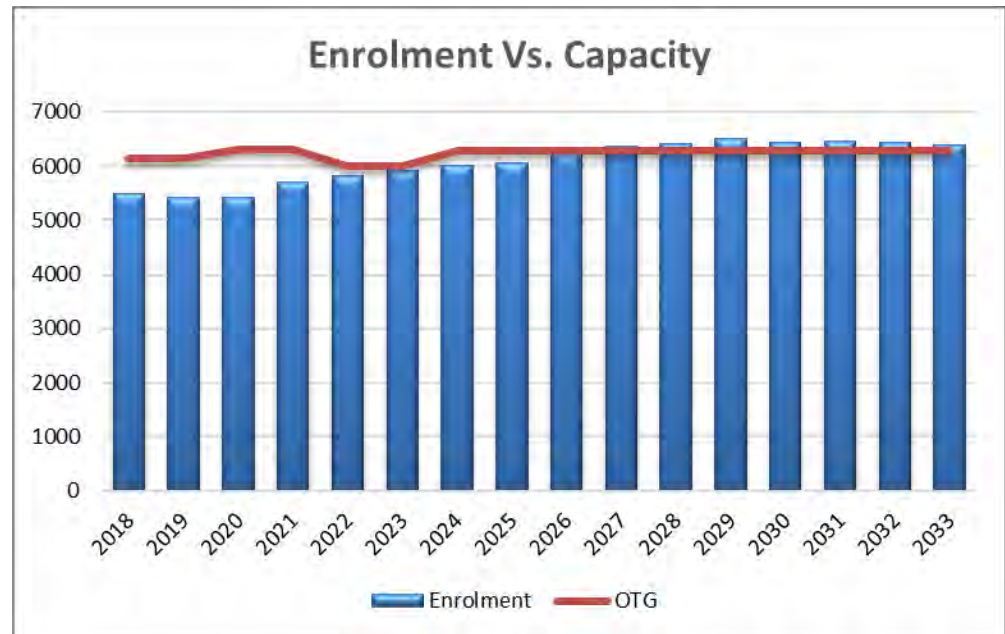
School	Eng Grade	FI Grade	OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Nora Frances Henderson	9-12	-	1,245	-	1,317 (106%)	1,122 (90%)	1,101 (88%)
Saltfleet	9-12	-	1,173	3	1,287 (110%)	1,759 (150%)	1,789 (152%)
Sherwood (Barton Facility)	9-12	9-12	1,092	-	1,295 (119%)	-	-
Sherwood	9-12	9-12	1,374	-	-	1,377 (100%)	1,411 (103%)
Sir Allan MacNab	9-12	-	1,350	-	700 (52%)	863 (64%)	832 (62%)
Westmount	9-12	-	1,146	8	1,312 (114%)	1,299 (113%)	1,265 (110%)
			6,006	11	5,911 (98%)	6,419 (102%)	6,398 (102%)

History

South secondary school accommodation review completed in 2012. Approved closure of Barton, Hill Park and Mountain Secondary schools. French Immersion program implemented at Sherwood in 2014. Hill Park closed June 2015, converted into Board Learning Centre. Mountain Secondary closed in June 2017. Nora France Henderson SS opened in 2020. Barton facility is currently acting as a holding facility for Sherwood students as the Sherwood facility is under renovation.

Current Observations

Over the next ten years the South Secondary planning area enrolment is expected to slightly increase and then remain steady. The current utilization is 98% but enrolments between the schools are imbalanced, utilizations vary from 52% to 119%. Projected growth at Saltfleet is based on residential development that is impacting elementary planning area 14. Sherwood expected growth is mainly due to the projected increase in FI enrolment at the secondary level. FI has grown in popularity at the elementary level and larger graduating cohorts are impacting projections at the secondary level. Westmount's self paced program has no formal boundary and enrolment is based on student applications. Sir Allan McNab enrolment is projected to increase over the next 5 years due to larger grade 8 cohorts in the associated elementary schools. Sir Allan MacNab enrolment will be directly impacted by student's choice of attending Westmount. Nora Frances Henderson enrolment increased to over 1,300 in 2022. Enrolment increased due to out of catchment students and non HWDSB students attending. The facility was closed to OOC for the 2023-24 school year.



Next Steps

Continue renovation at Sherwood Secondary School, Sherwood reopening September 2024.

Continue to monitor enrolment and accommodation. Continue to pursue and make facilities available for facility partnerships.

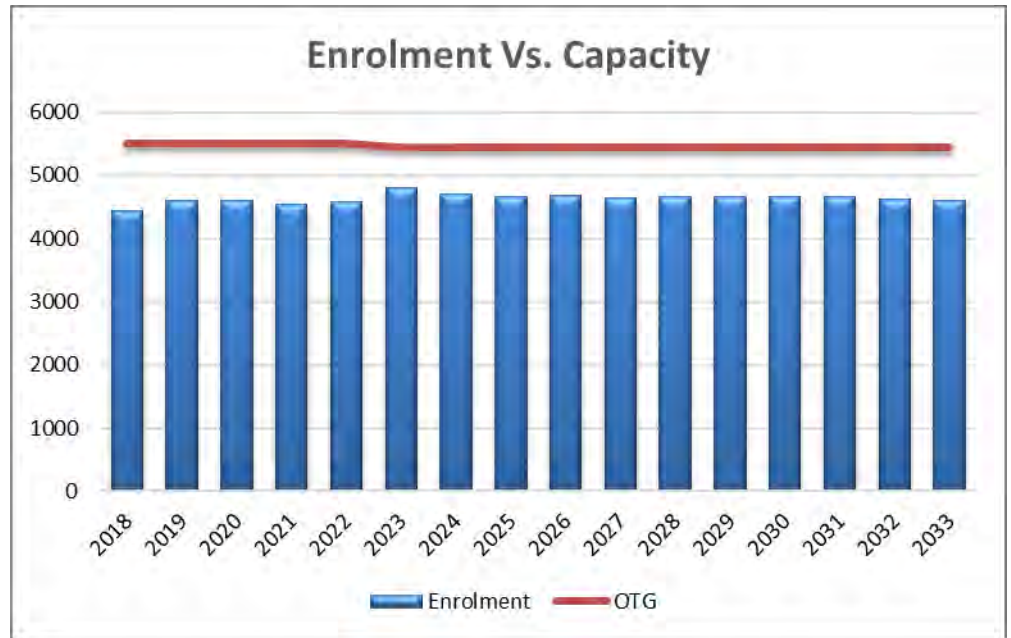
School	Eng Grade	FI Grade	OTG	Portables	2023 Enrol (Util)	2028 Enrol (Util)	2033 Enrol (Util)
Ancaster High	9-12	-	1,278	-	1193 (93%)	1290 (101%)	1208 (94%)
Dundas Valley SS	9-12	-	1,080	-	872 (81%)	750 (69%)	763 (71%)
Waterdown District	9-12	-	1,632	-	1202 (74%)	1277 (78%)	1193 (73%)
Westdale	9-12	9-12	1,461	-	1529 (105%)	1354 (93%)	1434 (98%)
			5,451	0	4796 (88%)	4671 (86%)	4598 (84%)

History

Completed West Secondary accommodation review in 2012. Approval to close Highland and Parkside. In the absence of funding for a new school to replace Highland and Parkside the board approved a renovation for Highland Secondary which included an addition and various interior upgrades. Closure of Parkside Secondary School in 2014. Addition/renovation at Dundas Valley Secondary (formerly Highland) completed 2016. Due to the closure of Sir John A. Macdonald in 2019, Westdale incorporated a portion of the boundary.

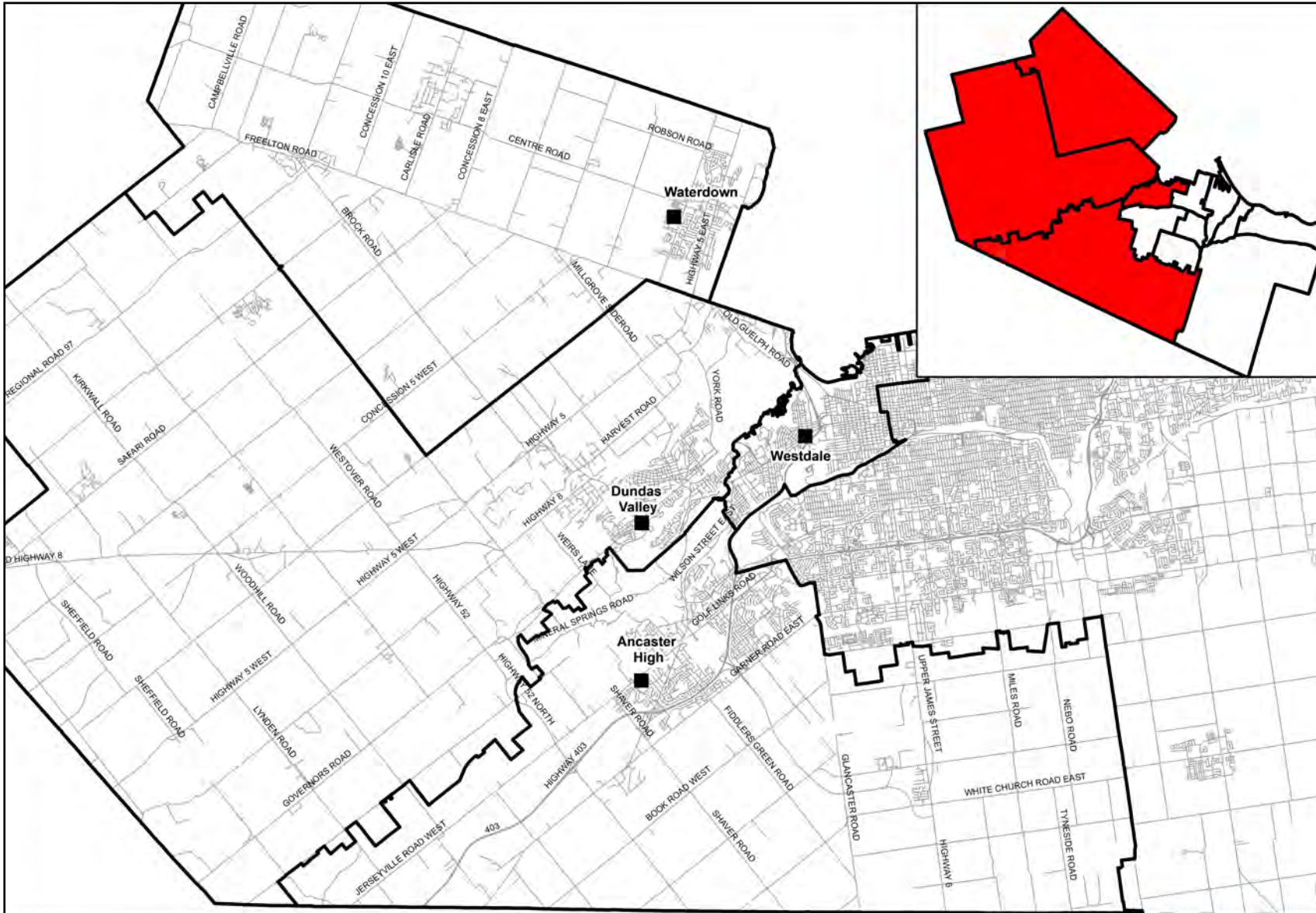
Current Observations

Over the next ten years the West Secondary planning area enrolment is expected to remain steady. The current utilization is 88% but enrolments between the schools are imbalanced with a large range of utilizations from 74% to 105%. Projected growth at Ancaster is based on residential development that has impacted elementary enrolment growth in Ancaster elementary planning area. Waterdown growth is also projected due to residential development in Waterdown urban area. Westdale enrolment is expected to decline slightly but due to French Immersion and other programs are expected to stay near capacity. Dundas Valley enrolment is expected to slightly decline over the next ten years, there is limited residential growth in Dundas to increase enrolment. Dundas will be reliant on neighbourhood regeneration and intensification to maintain enrolment.



Next Steps

Continue to monitor enrolment and accommodation. Continue to pursue and facility partnerships.



■ Secondary □ Secondary School Boundary



0 1.75 3.5 7 KM

Section 1.5: Facility Partnerships

2024 Long-Term Facilities Plan

Section 1.5: Facility Partnerships

Sharing facilities can be beneficial to our students and the community. By sharing space, we can work together to improve services, programs and supports for our students as well as maximize the use of public infrastructure through increased flexibility and use. The purpose of a facility partnership is to encourage school boards to work with their community partners to share facilities to the benefit of boards, students and the community. Facility Partnerships also optimize the use of public assets owned by school boards. Facility partnerships provide a potential opportunity to reduce facility costs and potentially improve educational opportunities for students.

Offering space in schools to partners can also strengthen the role of schools in communities, provide a place for programs and facilitate the coordination of, and improve access to, services for students and the wider community. Before entering a facility partnership, there is a need to determine the expectations for the partnering organization and how it aligns with HWDSB's strategic directions. Partnerships must be appropriate for the school setting and not compromise our student achievement strategy.

Facility partnerships operate on a cost-recovery basis. The fees charged to partners should cover the operations and capital cost, including administrative costs and property taxes (if applicable), to the board for the space occupied by the partner. Additional costs to perform minor renovations to protect student safety, provide appropriate washrooms, and otherwise make the space suitable for use by facility partners will be at the expense of the partner.

For more information, please visit HWDSB's [Facility Partnership Webpage](#).

Identification of Potential Spaces

The information used to identify facilities that may be suitable for facility partnerships with respect to new construction and unused space in schools will be established through the [Use of Board Facilities Policy](#).

Current Schools or Proposed Future Schools Available for Potential Facility Partnership

<u>Elementary Schools</u>	<u>Secondary Schools</u>	<u>Proposed Future Elem Schools</u>	<u>Administrative Building</u>
Hillcrest	Dundas Valley	Winona Site	Hill Park
	Orchard Park		
	Sir Allan MacNab		
	Sir Winston Churchill		
	Waterdown		

Section 1.6: Accommodation Strategy Schedule

2024 Long-Term Facilities Plan

Section 1.6: Accommodation Strategy Schedule

Accommodation Strategy Schedule

The Accommodation Strategy Schedule recaps completed accommodation strategies since the 2021/2022 and outlines possible future accommodation strategies identified by staff. The Accommodation Strategy Schedule is broken down by planning area. Planning areas allow for comprehensive and in-depth analysis of each area of the city. Analysis of accommodation and utilization issues and facility needs is done on a smaller scale to determine the right solution for each planning area. The schedule outlines the following:

- **Boundary Review:** A public review process undertaken to create or modify the boundary of one or more schools. A boundary may require modification due to new school construction, balancing enrolments and/or program changes. Boundary reviews identified as ‘potential boundary reviews’ in the schedule are meant to identify areas with current or future accommodation issues that may need to be resolved through the boundary review process.
- **Capital Priorities Program Funding Submission:** Application to the Ministry of Education for funding to construct new schools and additions needs related to accommodation pressure, school consolidation and/or facility condition.
- **Capital Project - Addition:** Construction of an addition approved via the Capital Priorities Funding Program
- **Capital Project - New School:** Construction of a new school approved via the Capital Priorities Funding Program.
- **Holding Property:** School property remaining in Board inventory for future growth and pupil accommodation.
- **Land Purchase:** Acquisition of real property for the purpose of student accommodation.
- **Pupil Accommodation Review:** A public review process undertaken to determine the future use of a school or group of schools.
- **Temporary Accommodation Strategy:** A public review process undertaken using the Boundary Review Policy and Procedure to create or modify the boundary of one or more schools to temporarily accommodate students until a permanent accommodation solution is in place, e.g. new school construction completed.

Accommodation Strategy Timing

Identified accommodation strategies are presented within immediate, short and medium-term time periods. Immediate strategies are identified for the following school year while short and medium-term strategies are identified within 2-5 year and 6–10 year windows. Each of the identified strategy’s timing may vary based on individual school community needs and changes in accommodations. Planning staff will review the schedule annually via the Long-Term Facilities Plan update and provide recommendations to commence accommodation strategies the following school year, identify future strategies and update timing for strategies contingent on Ministry of Education funding.

Below is the accommodation strategy schedule and accompanying summary tables which provide rationale for the identified accommodation strategies.

2024 Long-Term Facilities Plan

Section 1.6: Accommodation Strategy Schedule

Accommodation Strategy Summary Table - Elementary			
Planning Area	Strategy Type	Proposed Action	Action Rationale
Immediate: 2024/25			
05-West Hamilton City	Capital Priorities Program Funding Submission	Consider submitting a Capital Priority funding request for a new school to replace Hess and Strathcona on former Sir John A MacDonald site.	Result of a pupil accommodation review in West Hamilton City completed June 2017.
06-Glanbrook	Land Purchase	Purchase designated school site in Binbrook located within residential development at 3105 Fletcher Road.	Residential development in South Binbrook.
08-Lower Stoney Creek	Boundary Review	Initiate a boundary review to balance enrolment and facility utilization. English Program and French Programs to be reviewed. Lake Ave from Planning Area 11 to be included.	Accommodation pressure in Lower Stoney Creek due to enrolment growth in both English and French tracks.
10-Ancaster	Capital Priorities Program Funding Submission	Consider submitting a Capital Priority funding request for a new school to replace Frank Panabaker North (formerly Fessenden) and Rousseau elementary schools on Rousseau site.	Result of a pupil accommodation review in Ancaster completed in June 2017
14-Upper Stoney Creek	Capital Priorities Program Funding Submission	Consider submitting a Capital Priority funding request for an addition at Janet Lee to accommodate new development.	Accommodation pressure at Janet Lee elementary school.

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2024 Long-Term Facilities Plan

Section 1.6: Accommodation Strategy Schedule

Accommodation Strategy Summary Table - Elementary			
Planning Area	Strategy Type	Proposed Action	Action Rationale
Short-Term: 2-5 years			
02-Flamborough	Boundary Review	Initiate a boundary review to establish new boundary for new Waterdown Elementary school. English/French Programs and holding school strategies to be reviewed.	Overutilization and enrolment imbalance in the urban area of Flamborough and receipt of funding for new school in Waterdown.
02-Flamborough	Capital Project: New School	Construct and open new 504 pupil place K-8 elementary school to improve utilization of school facilities and reduce reliance on temporary accommodation. Ministry of Education funding received April 2024.	Overutilization and enrolment imbalance in the urban area of Flamborough.
04-East Hamilton City 1	Potential Boundary Review	Consider initiating a boundary review to balance enrolment and facility utilization within the East Hamilton City 1 Planning Area. Consider including schools from Planning Area 11 - East Hamilton City 2.	Enrolment and utilization imbalance
06-Glanbrook	Capital Project: Addition	Construct and open 6 classroom, learning commons and childcare addition at Mount Hope elementary school. Ministry of Education funding received April 2024.	Accommodation Pressure at Mount Hope elementary school
06-Glanbrook	Boundary Review	Initiate a boundary review to establish boundary for new Binbrook Elementary school. English Program and holding school strategies to be reviewed.	Residential development in South Binbrook and receipt of funding for new school in Binbrook.

2024 Long-Term Facilities Plan

Section 1.6: Accommodation Strategy Schedule

Accommodation Strategy Summary Table - Elementary

Planning Area	Strategy Type	Proposed Action	Action Rationale
Short-Term: 2-5 years			
06-Glanbrook	Capital Project: New School	Construct and open a new 615 pupil place school to improve utilization of school facilities and reduce reliance on temporary accommodation. Ministry of Education funding received March 31, 2020	Residential development in South Binbrook.
08-Lower Stoney Creek	Land Purchase	Purchase designated school site in Fruitland-Winona Secondary Plan area on Jones Road.	Residential development within the Fruitland-Winona secondary plan area.
08-Lower Stoney Creek	Capital Priorities Program Funding Submission	Consider submitting a Capital Priorities funding request for a new 650 pupil place elementary school.	Residential development within the Fruitland-Winona secondary plan area.
11-East Hamilton City 2	Potential Boundary Review	Consider initiating a boundary review to balance enrolment and facility utilization in the East Hamilton City 2 Planning Area. Consider including schools from Planning Area 04 - East Hamilton City 1.	Enrolment and utilization imbalance within the planning area.
14-Upper Stoney Creek	Capital Project: New School	Construct and open a new 650 pupil place school to improve facility utilization and reduce reliance on temporary accommodation. Ministry of Education funding received November 23, 2021.	Residential development within the Nash Neighbourhood Secondary Plan area.

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2024 Long-Term Facilities Plan

Section 1.6: Accommodation Strategy Schedule

Accommodation Strategy Summary Table - Elementary

Planning Area	Strategy Type	Proposed Action	Action Rationale
Medium-Term: 6-10 years			
03-Central Mountain	Potential Boundary Review	Consider initiating a boundary review to balance enrolment and facility utilization in the Central Mountain Planning Area.	Enrolment and utilization imbalance within the planning area.
07-East Hamilton Mountain	Potential Accommodation Review	Consider initiating a Pupil Accommodation Review.	Facility condition, grade structure, enrolment imbalance and facility utilization.
08-Lower Stoney Creek	Boundary Review	Initiate a boundary review to establish new boundary for new Winona Elementary school. Pending Capital Priorities Program funding for new School.	Residential development within the Fruitland-Winona secondary plan area.
08-Lower Stoney Creek	Capital Project: New School	Construct and open a new 650 pupil place school to improve utilization of school facilities and reduce reliance on temporary accommodation. Pending Capital Priorities Program funding for new School.	Residential development within the Fruitland-Winona secondary plan area.
09-West Hamilton Mountain	Potential Accommodation Review	Consider initiating a Pupil Accommodation Review.	Facility condition, grade structure, enrolment imbalance and facility utilization.
10-Ancaster	Potential Boundary Review	Consider initiating a boundary review to balance enrolment and facility utilization in the Ancaster Planning Area. English Program and French Programs to be reviewed. Contingent on results of Capital Priorities funding submission for new Rousseau.	Enrolment and utilization imbalance within the planning area.

**2024 Long-Term Facilities Plan
Section 1.6: Accommodation Strategy Schedule**

Accommodation Strategy Summary Table - Elementary			
Planning Area	Strategy Type	Proposed Action	Action Rationale
Medium-Term: 6-10 years			
12-Central Hamilton City	Potential Boundary Review	Consider initiating a boundary review to balance enrolment and facility utilization in the Central Hamilton City Planning Area. English Program and French Programs to be reviewed.	Enrolment and utilization imbalance within the planning area.
13-Dundas and West Flamborough	Potential Accommodation Review	Consider initiating a Pupil Accommodation Review.	Facility condition, grade structure, enrolment imbalance and facility utilization.

2024 Long-Term Facilities Plan

Section 1.6: Accommodation Strategy Schedule

Accommodation Strategy Summary Table - Secondary			
Planning Area	Strategy Type	Proposed Action	Action Rationale
Immediate: 2024/25			
North	Capital Priorities Program Funding Submission	Consider submitting a Capital Priority funding request for a new school to replace Hess and Strathcona on former Sir John A MacDonald site.	Result of a pupil accommodation review in West Hamilton City completed June 2017.
Short Term: 2-5 years			
North	Potential Boundary Review	Consider initiating a boundary review to balance enrolment and facility utilization.	Enrolment and utilization imbalance.
South	Potential Boundary Review	Consider initiating a boundary review to balance enrolment and facility utilization.	Enrolment and utilization imbalance.
Medium Term: 6-10 years			

Planning Area	2021/2022	2022/2023	2023/2024	Immediate - 2024/2025	Short-Term (2-5 years)	Medium-Term (6-10 years)
1 Westdale						
Dalewood						
Cootes Paradise						
Glenwood						
2 Flamborough					Boundary Review	
Allan Greenleaf			Temporary Accommodation Strategy			
Balaclava			Temporary Accommodation Strategy			
Flamborough Centre			Temporary Accommodation Strategy			
Guy Brown			Temporary Accommodation Strategy			
Mary Hopkins			Temporary Accommodation Strategy			
Millgrove						
Waterdown - New School	Land Purchase Capital Priorities Submission	Capital Priorities Submission	Capital Priorities Submission		Capital Project: New School	
3 Central Mountain						Potential Boundary Review
Franklin Road						
GL Armstrong						
Norwood Park						
Pauline Johnson						
Queensdale	Capital Priorities Submission					
Ridgemount						
4 East Hamilton City 1					Potential Boundary Review	
Hillcrest						
Parkdale						
Rosedale	Capital Priorities Submission					
Viscount Montgomery						
WH Ballard						
5 West Hamilton City						
Bennetto						
Cathy Wever						
Central						
Dr. Davey						
Earl Kitchener						
Hess Street	Capital Priorities Submission	Capital Priorities Submission		Capital Priorities Submission		
Queen Victoria						
Ryerson						
Strathcona	Capital Priorities Submission	Capital Priorities Submission		Capital Priorities Submission		

Planning Area	2021/2022	2022/2023	2023/2024	Immediate - 2024/2025	Short-Term (2-5 years)	Medium-Term (6-10 years)
6 Glanbrook					Boundary Review	
Bellmoore						
Binbrook - New School				Land Purchase	Capital Project: New School	
Michaëlle Jean						
Mount Hope			Capital Priorities Submission		Capital Project: Addition	
7 East Hamilton Mountain						Potential Pupil Accommodation Review
CB Stirling						
Helen Detwiler						
Highview						
Huntington Park						
Lawfield						
Lincoln Alexander						
Lisgar						
Ray Lewis						
Richard Beasley						
Templemead						
8 Lower Stoney Creek					Land Purchase Capital Priorities Submission	Boundary Review Capital Project: New School
Collegiate	Capital Project: Addition			Approved Boundary Review		
Eastdale	Capital Priorities Submission			Approved Boundary Review		
South Meadow				Approved Boundary Review		
Winona				Approved Boundary Review		
9 West Hamilton Mountain						Potential Pupil Accommodation Review
Buchanan Park						
Chedoke						
Gordon Price						
Holbrook						
James Macdonald						
Mountview						
RA Riddell						
Westview						
Westwood						
10 Ancaster						Potential Boundary Review
Ancaster Meadow						
Frank Panabaker - North	Capital Priorities Submission	Capital Priorities Submission		Capital Priorities Submission		
Frank Panabaker - South						
Rousseau	Capital Priorities Submission	Capital Priorities Submission		Capital Priorities Submission		
Spring Valley						
Tiffany Hills						

Planning Area	2021/2022	2022/2023	2023/2024	Immediate - 2024/2025	Short-Term (2-5 years)	Medium-Term (6-10 years)
11 East Hamilton City 2					Potential Boundary Review	
Lake Avenue				Approved Boundary Review		
Sir Isaac Brock	Holding Property	Holding Property	Holding Property	Holding Property	Holding Property	Holding Property
Sir Wilfrid Laurier						
Viola Desmond	Capital Project: New School					
12 Central Hamilton City						Potential Boundary Review
AM Cunningham	Capital Priorities Submission					
Adelaide Hoodless						
Memorial (Hamilton)						
Prince of Wales						
Queen Mary						
13 Dundas and West Flamborough						Potential Pupil Accommodation Review
Dundana						
Dundas Central						
Sir William Osler						
Yorkview						
Greensville						
Rockton						
14 Upper Stoney Creek						
Billy Green	Capital Priorities Submission					
Gatestone			Boundary Review			
Janet Lee				Capital Priorities Submission		
Mount Albion						
Shannen Koostachin	Capital Priorities Submission		Boundary Review			
Upper Stoney Creek- New School	Capital Priorities Submission Land Purchase				Capital Project: New School	
Tapleytown						

Definitions:

Boundary Review: A public review process undertaken to create or modify the boundary of one or more schools. A boundary may require modification due to new school construction, balancing enrolments and/or program changes. Boundary reviews identified as ‘potential boundary reviews’ in the schedule are meant to identify areas with current or future accommodation issue that may need to be resolved through the boundary review process.

Capital Priorities Program Funding Submission: Application to the Ministry of Education for funding to construct new schools and additions. Projects are related to accommodation pressure, school consolidation and/or facility condition.

Capital Project - Addition: Construction of an addition approved via the Capital Priorities Funding Program

Capital Project - New School: Construction of a new school approved via the Capital Priorities Funding Program.

Holding Property: School property remaining in Board inventory for future growth and pupil accommodation.

Land Purchase: Acquisition of real property for the purpose of student accommodation.

Pupil Accommodation Review: A public review process undertaken to determine the future use of a school or group of schools.

Temporary Accommodation Strategy: A public review process undertaken to create or modify the boundary of one or more schools to temporarily accommodate students until a permanent accommodation solution is in place, e.g. new school construction completed

Planning Area	2021/2022	2022/2023	2023/2024	Immediate - 2024/2025	Short-Term (2-5 years)	Medium-Term (6-10 years)
North Secondary					Potential Boundary Review	
Bernie Custis						
Glendale						
Orchard Park						
Sir John A. Macdonald	Capital Priorities Submission Holding Property	Capital Priorities Submission Holding Property	Holding Property	Capital Priorities Submission Holding Property		
Sir Winston Churchill						
South Secondary						
Hill Park						
Nora Frances Henderson						
Saltfleet						
Sherwood (Former Barton)	Closed	Holding School	Holding School			
Sherwood	Capital Priorities Submission			Open		
Sir Allan MacNab						
Westmount						
West Secondary						
Ancaster High						
Dundas Valley						
Waterdown						
Westdale						

Definitions:

Boundary Review: A public review process undertaken to create or modify the boundary of one or more schools. A boundary may require modification due to new school construction, balancing enrolments and/or program changes.

Capital Priorities Program Funding Submission: Application to the Ministry of Education for funding to construct new schools and additions. Projects are related to accommodation pressure, school consolidation and/or facility condition.

Capital Project - Addition: Construction of an addition approved via the Capital Priorities Funding Program

Capital Project - New School: Construction of a new school approved via the Capital Priorities Funding Program.

Facility Partnership: Shared use of surplus facility space, at no cost to the Board, with community partners as per Ministry of Education Community Planning and Partnerships Guideline (CPPG).

Holding Property: School property remaining in Board inventory for future growth and pupil accommodation.

Land Purchase: Acquisition of real property for the purpose of student accommodation.

Pupil Accommodation Review: A public review process undertaken to determine the future use of a school or group of schools.

Temporary Accommodation Strategy: A public review process undertaken to create or modify the boundary of one or more schools to temporarily accommodate students until a permanent accommodation solution is in place, e.g. new school construction completed

Section 2: Capital Projects

Section 2.1: Capital Projects Plan

2024 Long-Term Facilities Plan Section 2.1: Capital Projects Plan

To meet the goal of improving the conditions of our schools, the Capital Projects department has created the following documents, guidelines and manuals to maximize funding received from the Ministry of Education and to ensure that all new school builds, additions and renovations are consistent across the Board's inventory.

Annual Capital Plan

Trustees originally approved the 5 year Capital Plan in April of 2016. Since that time staff presented updates to Trustees to refine the Capital Plan, incorporating changes to the revised Annual Capital Budget.

Staff will continue to improve the learning and working environments across the system to align with the new Multi-Year Strategic Plan with a focus on 'Building a Sustainable Education System.' Projects will focus on responsible fiscal management, investing equitably in accessible and sustainable facilities, and supporting a robust workforce.

Staff will continue to allocate projects utilizing the Guiding Principles previously approved by Trustees:

The guiding principals for capital projects are as follows:

1. Schools identified as being in 'Poor' condition as defined in the Long-Term Facilities Plan will be given priority both in terms of schedule and budget;
2. Partnership opportunities that align with the Board's Strategic Priorities, that have a cost savings associated with them and that are time sensitive will be given priority both in terms of schedule and budget;
3. The scope of work proposed for each school will adhere to the Board design standards;
4. The Multi-Year Capital Strategy will be reviewed and updated on an annual basis, as part of the Board's Long-Term Facilities Plan update, to reflect any changes in scope, schedule or available funds.

Annual Allocation of Funding:

Component	Amount *
Annual School Renewal	\$27 million
Proceeds of Disposition (PODs)	\$3 million
Other	Varies depending on approved projects
Total	\$30 million

Current Projects

HWDSB continuously strives to improve and maintain the best quality and conditions of its school facilities to support the learning environment for students and staff, and for the use of schools by the greater community.

This [webpage](#) provides information regarding current major school capital projects that are underway. Typically, the status of new school construction, school additions and major alteration work projects are reported on the website. A list of capital projects since 2012 funded through capital priorities, school consolidated capital, full-day kindergarten and childcare funding can be viewed on page 3 and 4 of this section.

The following are components of the Annual Capital Plan which have been in development since its approval.

School Renewal

Staff will continue to improve our learning and working environments across the system to align with the MYSP with a focus on Building a Sustainable Education System while delivering renewal projects.

Renewal projects will continue to be planned and delivered, aligned to previous benchmark strategies, while improving accessibility across the system. Projects will also be planned to utilize existing funding received through the School Facilities Fund, through Core Education, and improve the overall Facility Condition Index (FCI) data.

School Design Guidelines

At the January 14, 2013, Committee of the Whole meeting, staff presented the Long-Term Facilities Plan which included the origin of the Educational Design Manuals for both elementary and secondary schools. These manuals were initiated as a detailed guideline for implementing school design for new school construction.

In June 2015, HWDSB Program Committee also identified a need for a Design Manual (Guideline) that would be developed to provide a framework and specific guidelines for the design of the new elementary schools in HWDSB. The Guidelines will also assist in the planning and development of the additions and alterations for the existing elementary schools. The current Guidelines were presented to the Finance and Facilities Committee December 6, 2017. Following the Committee meeting, the Guidelines were received by Trustees at the December 18, 2017, Board meeting. These updated Design Guidelines have been and will continue to be revised to reflect the current needs of HWDSB.

The purpose of the Architectural Design Guideline is two-fold: to create a framework and set of guiding principles to enable all of HWDSB's facilities, both new and existing, to better support new trends in educational delivery and enhance opportunities for student success; and, to provide a guideline for the Board's new and improved school facilities to ensure that program strategies can meet the needs of all students by providing modern learning to students with safe, accessible, inclusive, innovative, and engaging school environments.

Both the Elementary and Secondary Design Guidelines respond to the needs identified above.

The design guidelines are to be considered a fluid document and will require updating in future to ensure they remain aligned with the direction of the Board and funding provided by the Ministry.

Outdoor Design Manual

Facility Services, in consultation with a landscape architect, created an Outdoor Design Manual. The manual provides advice on the design, implementation and maintenance of schoolyard features. From concept to completion, the manual will guide schools through the process of implementing schoolyard improvement projects such as gardens, outdoor classrooms, and play areas. The Outdoor Design Manual is also intended to help schools understand the responsibilities of both the school community and Facility Services and the processes for obtaining approvals and

2024 Long-Term Facilities Plan Section 2.1: Capital Projects Plan

project support. The Manual is designed to be an online document that is searchable with linked content throughout. The content of the Manual, including updates to resources, will be reviewed annually.

Capital Priorities Projects since 2012

A list of capital projects since 2012 funded through capital priorities, school consolidated capital, full-day kindergarten and childcare funding can be viewed on page 4 and 5 of this section.

2024 Long-Term Facilities Plan Section 2.1: Capital Projects Plan

School	Panel	Accommodation Review	Project	Funding Program	Funding
Ancaster Senior	Elem	Ancaster	173 pupil place addition. 4 kindergarten rooms and 3 classrooms.	Capital Priorities	\$3,702,489.00
Bellmoore	Elem	N/A	3 room childcare centre addition.	New Construction of Childcare	\$1,832,545.00
Bennetto	Elem	N/A	3 room childcare centre renovation.	New Construction of Childcare	\$1,646,181.00
Beverly Community Centre Site (Rockton)	Elem	West Flamborough	347 pupil place school to accommodate the consolidation of Beverly Central and Dr. John Seaton in partnership with City of Hamilton on Beverly Community Centre Site.	School Consolidation Capital	\$10,442,345.00
Beverly Community Centre Site II (Rockton)		Ancaster/West Flamborough		6 classroom (138 pupil place) addition and 1 FDK room conversion.	Capital Priorities
Binbrook School	Elem	N/A	615 pupil place K-8 school	Capital Priorities	\$13,528,858.00
C.H. Bray	Elem	Ancaster	495 pupil place K-8 school with 3 room childcare centre.	Capital Priorities	\$10,952,155.00
				Full-Day Kindergarten	\$1,049,077.00
				New Construction of Childcare	\$1,542,762.00
Collegiate	Elem	Lower Stoney Creek	213 pupil place addition to accommodate the consolidation of Collegiate, Green Acres, and RL Hyslop. 3 room childcare centre addition.	School Consolidation Capital	\$3,959,266.00
				Full-Day Kindergarten	\$514,254.00
				New Construction of Childcare	\$1,542,760.00
Cootes Paradise	Elem	Dalewood	Four classroom addition, extension of gymnasium, washroom renovation and HVAC renovation to accommodate consolidation of Prince Phillip into Cootes Paradise.	Capital Priorities	\$2,096,804.00
				Full-Day Kindergarten	\$1,425,602.00
Dr. Davey	Elem	N/A	3 room childcare centre renovation.	New Construction of Childcare	\$1,021,381.00
Eastdale	Elem	Lower Stoney Creek	564 pupil place JK-8 replacement school for Eastdale to accommodate a portion of students from Collegiate Avenue, Eastdale and Mountain View.	Capital Priorities	\$10,529,347.00
				Full-Day Kindergarten	\$1,028,507.00
Franklin Road	Elem	Central Mountain	1 room FDK renovation. Renovate existing library into two classrooms. Convert existing gym into new learning commons, construction new gym addition and new three room daycare addition. Work completed to accommodated consolidation of Linden Park into Franklin Road.	New Construction of Childcare	\$1,482,852.00
				School Consolidation Capital	\$450,000.00
				Full-Day Kindergarten	\$494,285.00
G.L. Armstrong	Elem	Central Mountain	Two room renovation to create FDK spaces to accommodate consolidation of Eastmount Park into GL Armstrong.	Full-Day Kindergarten	\$494,285.00
Glen Campus	Elem	East Hamilton #2	682 pupil place school with 3 room childcare centre to accommodate the consolidation of Glen Brae, Glen Echo, and Sir Isaac Brock.	School Consolidation Capital	\$13,691,457.00
				Full-Day Kindergarten	\$1,285,635.00
				New Construction of Childcare	\$1,542,760.00
Greenville	Elem	West Flamborough	381 pupil place school with 2 room childcare centre and partnership with Hamilton Library to accommodate the consolidation of Greenville and Spencer Valley on existing Greenville school site.	Full-Day Kindergarten	\$494,285.00
				School Consolidation Capital	\$3,249,335.00
				New Construction of Childcare	\$1,008,339.00
Hillcrest	Elem	East Hamilton #1	FDK Room addition to accommodate the consolidation of Woodward and Roxborough Park into Hillcrest.	Full-Day Kindergarten	\$494,285.00
Memorial (SC)	Elem	Lower Stoney Creek	495 pupil place school with 3 room childcare centre to accommodate the consolidation of Memorial (SC) and Mountain View.	School Consolidation Capital	\$10,122,412.00
				Full-Day Kindergarten	\$1,028,508.00
				New Construction of Childcare	\$1,542,760.00

2024 Long-Term Facilities Plan Section 2.1: Capital Projects Plan

Mount Albion	Elem	N/A	10 classrooms (230 pupil places) addition and 3 room childcare centre addition to accommodate enrolment growth.	Capital Priorities	\$4,927,168.00
				New Construction of Childcare	\$1,542,762.00
Mount Hope	Elem	N/A	6 classroom (178 pupil places) addition and 5 room childcare centre.	Capital Priorities	\$5,327,947.00
				New Construction of Childcare	\$3,753,900.00
Nora Frances Henderson	Sec	South Secondary	New 1,250 pupil place secondary school to accommodate the consolidation of Barton, Hill Park and Mountain.	Capital Priorities	\$33,060,967.00
Nash- Upper Stoney Creek	Elem	N/A	650 pupil place k-8 school with 3 room childcare centre	Capital Priorities	\$16,667,921.00
Bernie Custis	Sec	North Secondary	Construction of new 1,250 pupil place secondary school to accommodate consolidation of Delta, Parkview and Sir John A. Macdonald.	Capital Priorities	\$31,839,111.00
Pauline Johnson	Elem	Central Mountain	Four FDK classroom addition, three classroom addition and gym expansion to accommodate consolidation of Cardinal Heights into Pauline Johnson.	Full-Day Kindergarten	\$494,285.00
				School Consolidation Capital	\$2,422,040.00
Queensdale	Elem	Central Mountain	One classroom renovation to create FDK classroom to accommodate consolidation of Linden Park into Queensdale.	Full-Day Kindergarten	\$494,285.00
Ridgemount	Elem	Central Mountain	One FDK classroom addition, seven classroom addition and a gym expansion to accommodate consolidation of Cardinal Heights into Ridgemount.	Full-Day Kindergarten	\$494,285.00
				School Consolidation Capital	\$2,384,018.00
Saltfleet	Sec	N/A	Ten regular classroom addition to Saltfleet DHS to accommodate enrolment pressure. Included 2-room renovation to create Graduated Support Program Spec Ed space on 2nd floor.	Capital Priorities	\$5,405,136.00
Sir Wilfrid Laurier	Elem	East Hamilton #2	Building retrofit and 1 room FDK addition to accommodate consolidation of Elizabeth Bagshaw into Sir Wilfrid Laurier.	Capital Priorities	\$830,676.00
				Full-Day Kindergarten	\$257,127.00
Summit Park	Elem	N/A	625 pupil place JK-8 school with 3 room childcare centre on Summit Park site to accommodate enrolment pressure in Upper Stoney Creek & Glanbrook.	Capital Priorities	\$11,560,505.00
				Full-Day Kindergarten	\$1,285,634.00
				New Construction of Childcare	\$1,542,760.00
Tiffany Hills	Elem	N/A	546 pupil place JK-8 school and 3 room daycare centre to accommodate enrolment pressure in Ancaster.	Full-Day Kindergarten	\$988,568.00
				New Construction of Childcare	\$1,008,339.00
				Capital Priorities	\$10,148,005.00
Viscount Montgomery	Elem	Viscount Montgomery	One purpose built FDK renovation	Full-Day Kindergarten	\$247,140.00
Waterdown ES	Elem	N/A	504 pupil place K-8 school with 5 room childcare centre.	Capital Priorities	\$18,360,811.00
				New Construction of Childcare	\$3,741,471.00
				Full-Day Kindergarten	\$2,855,153.00
WH Ballard	Elem	WH Ballard	3 room renovation to create FDK rooms.	Full-Day Kindergarten	\$494,285.00

Funding Type	Sum of Funding
Capital Priorities	\$182,399,017.00
Full-Day Kindergarten	\$16,413,770.00
New Construction of Childcare	\$24,751,572.00
School Consolidation Capital	\$46,720,873.00
Grand Total	\$270,285,232.00

Section 2.2: Facility Assessment

2024 Long-Term Facilities Plan

Section 2.2: Facility Assessment

In an effort to provide a more comprehensive representation of HWDSB building inventory condition, staff developed a three-category assessment. The intent is to provide a more rounded approach to determining the building conditions taking into consideration not only building renewal needs but also aligning the condition of HWDSB facilities to include accessibility and alignment with elementary benchmarks. The new facility assessment criteria were first presented to Trustees at the April 22, 2021 Finance and Facilities meeting and at the May 17, 2021 Board Meeting, see report [here](#). The categories were modified via Board approval in April 2023, the update included removing the community consultation category and redistributing the weighted percentages. The categories of facility assessment now include:

1. Facility Condition Index (60%):

Facility Condition Index (FCI) is the ratio of renewal costs to the estimated replacement value of the school facility, presented in a percentage format. This category, and associated values, will fluctuate over time and vary from year to year, depending on renewal needs of each facility. Through the process of the building condition assessment and appropriate Capital planning, Ministry School Renewal Funds and School Condition Improvement funds are to be allocated to address the upcoming renewal to maintain a fairly consistent condition.

2. Equity and Accessibility (25%):

This category takes into consideration how accessible and equitable the school is. The assessment under this section includes whether the school has an elevator, where applicable, a Barrier Free single staff washroom, a Barrier Free Entrance and All gender washroom. The four categories were provided an equal weighting (i.e. each was out of 25%). The following assumptions are made in the assessment of this category:

- Elevator: Schools with an elevator or LULA were allocated full points. No points were allocated for interior ramps or chair lifts.
- Accessible Washroom: A single stall restroom with grab bars and appropriate signage was considered an accessible washroom; they may not include a door operator, may not meet the most up to date AODA requirements and are not necessarily universal barrier free washrooms (i.e. they do not all contain change tables and lifts).
- BF Entrance: Schools with ground level entrances and/ or ramps and include a door operator at the door are considered barrier free. This may not constitute as the main entrance door, i.e. door off of the parking lot. The assessment did not review door sizes.
- All Gender washrooms: This category was specific to the availability of single stall all gender washrooms. As there is no current mandate or direction on all gender washrooms in elementary schools, the assessment assumed that in every facility there is a single stall barrier free washroom, this would also be used as an all-gender washroom. This is applicable to both elementary and secondary schools. This assessment does not account for conversions of washrooms that schools may have completed independently. This assessment also does not account for all gender change rooms as there is not current direction on this matter.

For schools where elevators are not applicable, i.e. single stories, the weighting of the categories was normalized by modifying the weighting to each of the categories to 33% instead of 25%.

3. Alignment to Benchmark (15%):

This category reviews the facilities condition as it relates to the Board mandated benchmark strategy categories, originally set in 2016. For elementary schools this includes gyms, science, visual arts, learning commons and playfields. At the Secondary school level this includes science labs, learning commons, sports fields and gymnasium floors.

2024 Long-Term Facilities Plan

Section 2.2: Facility Assessment

The following considerations were made:

- Elementary: Each category has a weighting of 20% applied equally. The elementary benchmark strategy was used as the basis of the report. For cases where a gym expansion was not applicable in the elementary benchmark strategy, the gym was reviewed from a perspective of revitalization versus addition. For schools that are not K-8 and the science benchmark does not apply, the scoring of the categories was normalized to 25% each.
- Secondary: Each category has a weighting of 25% applied equally. Westmount is the only facility with a not applicable for sports field and the weighting was adjusted to account for this in a similar matter, whereas the categories are 33% each.

Facility Assessment Classification:

As noted above, each facility previously fell into one of four categories (good, fair, average, poor) based on the FCI value alone. Staff are now assigning each facility into one of three categories (good, fair, poor). The new categories are defined below:

- 1. GOOD (66% – 100%):**
 - Highly suited for program delivery.
 - Building infrastructure is appropriate and readily available to support program and use.
 - Limited and manageable infrastructure and equipment failure may occur.
- 2. FAIR (45% – 65%)**
 - Space may be suitable for program delivery but may require modifications to the infrastructure to improve access and delivery.
 - Facilities may look worn with apparent and increasing maintenance needs identified.
 - Frequent infrastructure and equipment failure may occur. Occasional building shut down may occur.
- 3. POOR (0% – 44%)**
 - The space may hinder program delivery.
 - Facilities will look worn with obvious deterioration.
 - Equipment failure in critical items may be more frequent. Occasional building shut down could occur. Management risk is high.

The placement of each school into the appropriate classification will assist Facility Services staff in determining where resources are required to improve each of the corresponding four evaluation criteria, in addition to discussions with the related SOSA, Administration team and school community.

Facility Condition Index Data Updates

HWDSB monitors facility condition through facility condition assessments completed by VFA Canada. VFA Canada has been tasked with assessing all the schools under the Ministry of Education in Ontario. Assessments have been underway since 2012 with all first school assessments completed by 2015. Schools are reassessed approximately every 5 years depending on capital project schedules and pending closures. Assessment data is housed by VFA Canada. Once assessments are complete it is the responsibility of the school board to update the facility condition database based on completed capital and maintenance projects. School assessments have not been completed since 2020, VFA Canada will be addressing the backlog of assessments in 2024/25. Forty-one schools are expected to be reassessed in the 2024/25 school year, with updated FCI data staff expect the 2025 Facility Assessments to more accurately reflect the current state of schools.

2024 Long-Term Facilities Plan

Section 2.2: Facility Assessment

Facility Assessment Classification	HWDSB Schools	
<p style="text-align: center;"><u>Good (66%-100%)</u></p> <ul style="list-style-type: none"> • Highly suited for program delivery. • Building infrastructure is appropriate and readily available to support program and use. • Limited and manageable infrastructure and equipment failure may occur. • 64 schools in good condition in 2022 • 61 schools in good condition in 2023 	<ol style="list-style-type: none"> 1. Allan A. Greenleaf - 90% 2. Ancaster Meadow - 91% 3. Balaclava - 69% 4. Bellmoore - 96% 5. Bernie Custis - 100% 6. Cathy Wever - 83%** 7. Central - 68%** 8. Chedoke - 72% 9. Collegiate - 90% 10. Dalewood - 79% 11. Dr. J Edgar Davey - 96%** 12. Dundas Valley - 82% 13. Earl Kitchener - 74% 14. Eastdale - 100% 15. Frank Panabaker South - 75% 16. Franklin Road - 66% 17. Gatestone - 95% 18. George L. Armstrong - 68% 19. Glendale - 68% 20. Greensville - 100% 21. Guy Brown - 95% 22. Hillcrest - 92%** 23. Huntington Park - 68% 24. Lawfield - 85% 25. Millgrove - 74% 26. Mount Hope - 78% 27. Nora Frances Henderson - 100% 28. Orchard Park - 69% 	<ol style="list-style-type: none"> 29. Pauline Johnson - 82%** 30. Prince of Wales - 93%** 31. Queen Mary - 80%** 32. Queen Victoria - 94%** 33. Queensdale - 70% 34. Ray Lewis - 90% 35. Ridgemount - 85% 36. Rockton - 100% 37. Rosedale - 74% 38. Rousseau - 66% 39. Ryerson - 68% 40. Saltfleet - 80% 41. Shannen Koostachin - 100% 42. Sir Allan MacNab - 75% 43. Sir Wilfrid Laurier - 67%** 44. Sir William Osler - 90% 45. Sir Winston Churchill - 73% 46. South Meadow - 94% 47. Spring Valley - 100% 48. Templemead - 90% 49. Tiffany Hills - 100% 50. Viola Desmond - 100%** 51. Viscount Montgomery - 69%** 52. W. H. Ballard - 69% 53. Waterdown - 80% 54. Westdale - 82% 55. Westmount - 69% 56. Westview - 74% 57. Winona - 99%
<p style="text-align: center;"><u>Fair (65%-45%)</u></p> <ul style="list-style-type: none"> • Space may be suitable for program delivery but may require modifications to the infrastructure to improve access and delivery. • Facilities may look worn with apparent and increasing maintenance needs identified. • Frequent infrastructure and equipment failure may occur. Occasional building shut down may occur. • 18 schools in fair condition in 2022 • 15 schools in fair condition in 2023 	<ol style="list-style-type: none"> 1. Ancaster High - 63% 2. Bennetto - 64%** 3. Billy Green - 55% 4. Cootes Paradise - 65% 5. Dundas Central - 53% 6. Flamborough Centre - 62% 7. Glenwood - 62% 8. Gordon Price - 60% 9. Helen Detwiler - 55% 10. Hess Street - 47%[^]** 11. Highview - 46% 12. Holbrook - 45% 13. James Macdonald - 48% 14. Janet Lee - 62% 15. Lake Avenue - 48%** 16. Lincoln M. Alexander - 53% 	<ol style="list-style-type: none"> 17. Lisgar - 47% 18. Parkdale - 48%** 19. Tapleytown - 50% 20. Westwood - 47%**

2024 Long-Term Facilities Plan Section 2.2: Facility Assessment

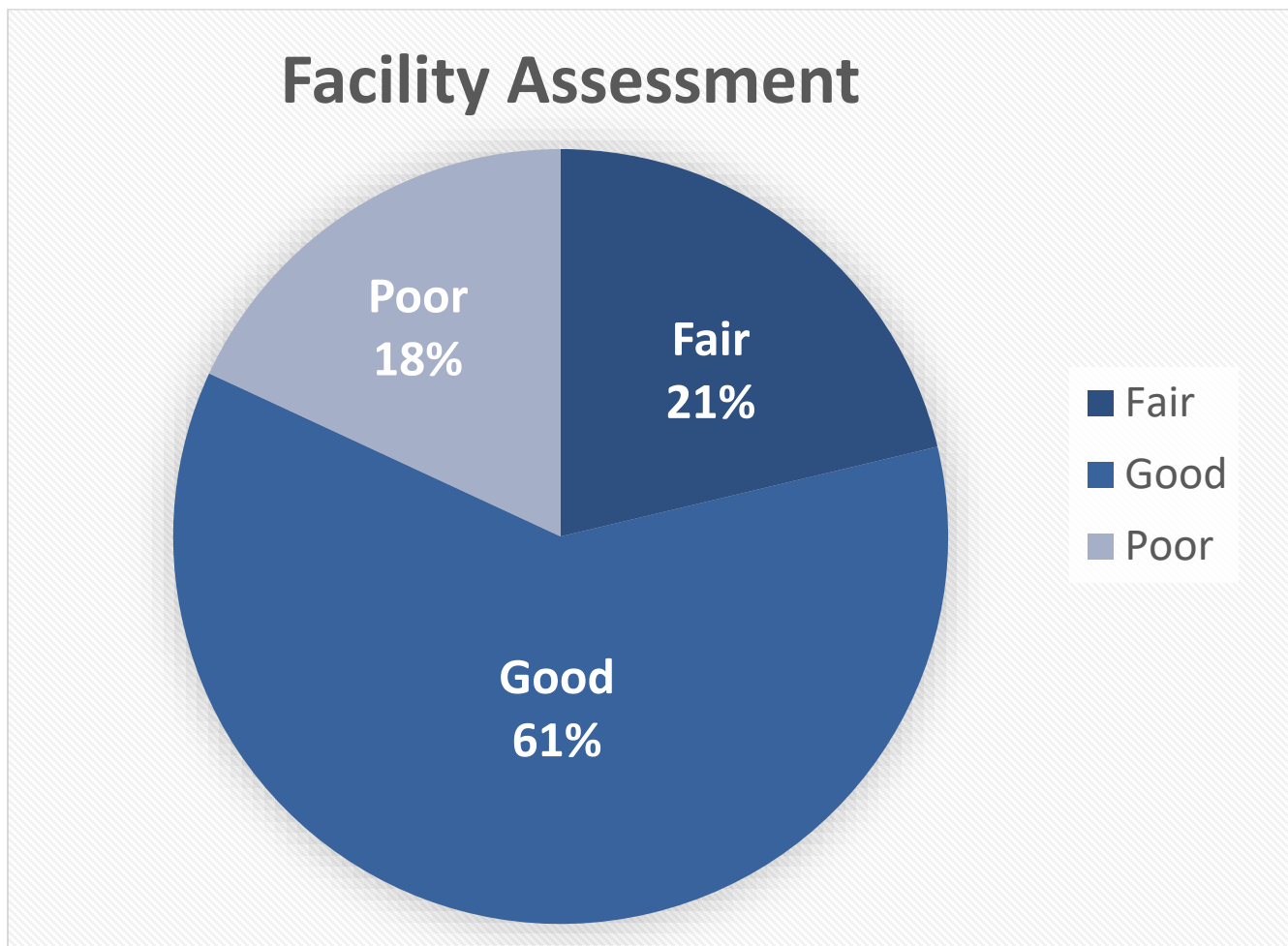
Facility Assessment Classification	HWDSB Schools
<p style="text-align: center;"><u>Poor (0%-44)</u></p> <ul style="list-style-type: none"> • The space may hinder program delivery. • Facilities will look worn with obvious deterioration. • Equipment failure in critical items may be more frequent. Occasional building shut down could occur. Management risk is high. • 12 schools in poor condition in 2022 • 18 school sin poor condition in 2023 	<ol style="list-style-type: none"> 1. A. M. Cunningham - 33% 2. Adelaide Hoodless - 44%** 3. Buchanan Park - 36% 4. Cecil B. Stirling - 15% 5. Dundana - 18% 6. Ecole Elementaire Michaelle Jean - 40% 7. Frank Panabaker North - 26%^ 8. Mary Hopkins - 28% 9. Memorial - 44% 10. Mount Albion - 43% 11. Mountview - 43% 12. Norwood Park - 40% 13. R A Riddell - 33% 14. Richard Beasley - 38% 15. Sherwood - 39% 16. Strathcona - 36%^ 17. Yorkview - 38%

^ Approved closure pending ministry funding

** High Priority School

Facility Assessment Classification Percentages

As of April 2024, there are 57 buildings in good condition, 20 in fair condition and 18 in poor condition.



Student Enrolment by Facility Rating

The following tables break down the percentage of students attending facilities based on their rating. As per the chart above, 61% of HWDSB facilities are in good condition. Over 36,000 students attend school rated as good which accounts for 70% of HWDSB's total enrolment. Schools rated in fair condition accommodate approximately 16% of student enrolment while the final 14% of students attend a school rated in poor condition.

Facility Assessment Rating	Facility Count	Student Enrolment	Enrolment Percentage
Good	57	36,605	70%
Fair	20	8,765	16%
Poor	17	7,342	14%

2024 Long-Term Facilities Plan Section 2.2: Facility Assessment

Facility Assessment Categories

The following chart illustrates how each facility is rated in the four facility assessment categories.

Elementary Schools					
Facility	FCI Value (60%)	Equity and Accessibility (25%)	Alignment to Benchmarks (15%)	Total	Building Condition
A. M. Cunningham	29	0	4	33%	Poor
Adelaide Hoodless**	11	25	8	44%	Poor
Allan A. Greenleaf	54	25	11	90%	Good
Ancaster Meadow	55	25	11	91%	Good
Balaclava	53	8	8	69%	Good
Bellmoore	59	25	11	96%	Good
Bennetto**	47	6	11	64%	Fair
Billy Green	30	25	0	55%	Fair
Buchanan Park	23	13	0	36%	Poor
Cathy Wever**	55	13	15	83%	Good
Cecil B. Stirling	9	6	0	15%	Poor
Central**	43	25	0	68%	Good
Chedoke	47	25	0	72%	Good
Collegiate	50	25	15	90%	Good
Cootes Paradise	40	25	0	65%	Fair
Dalewood	43	25	11	79%	Good
Dr. J Edgar Davey**	60	25	11	96%	Good
Dundana	12	6	0	18%	Poor
Dundas Central	28	25	0	53%	Fair
Earl Kitchener	52	19	4	74%	Good
Eastdale	60	25	15	100%	Good
E.E Michaelle Jean	22	19	0	40%	Poor
Flamborough Centre	46	8	8	62%	Fair
Franklin Road	41	25	0	66%	Good
Frank Panabaker North^	20	6	0	26%	Poor
Frank Panabaker South	43	25	8	75%	Good
Gatestone	55	25	15	95%	Good
George L. Armstrong	43	25	0	68%	Good
Glenwood	37	25	0	62%	Fair
Gordon Price	35	25	0	60%	Fair
Greensville	60	25	15	100%	Good
Guy Brown	59	25	11	95%	Good
Helen Detwiler	46	8	0	55%	Fair
Hess Street ^ **	47	0	0	47%	Fair
Highview	27	19	0	46%	Fair
Hillcrest**	56	25	11	92%	Good
Holbrook	45	0	0	45%	Fair

2024 Long-Term Facilities Plan Section 2.2: Facility Assessment

Elementary Schools					
Facility	FCI Value (60%)	Equity and Accessibility (25%)	Alignment to Benchmarks (15%)	Total	Building Condition
Huntington Park	43	25	0	68%	Good
James Macdonald	23	25	0	48%	Fair
Janet Lee	53	8	0	62%	Fair
Ryerson	53	0	15	68%	Good
Lake Avenue**	32	8	8	48%	Fair
Lawfield	49	25	11	85%	Good
Lincoln M. Alexander	45	8	0	53%	Fair
Lisgar	47	0	0	47%	Fair
Mary Hopkins	10	19	0	28%	Poor
Memorial	21	19	4	44%	Poor
Millgrove	53	17	4	74%	Good
Mount Albion	10	25	8	43%	Poor
Mount Hope	53	25	0	78%	Good
Mountview	35	8	0	43%	Poor
Norwood Park	40	0	0	40%	Poor
Parkdale**	44	0	4	48%	Fair
Pauline Johnson**	53	25	4	82%	Good
Prince of Wales**	57	25	11	93%	Good
Queen Mary**	55	25	0	80%	Good
Queen Victoria**	58	25	11	94%	Good
Queensdale	45	25	0	70%	Good
R.A. Riddell	33	0	0	33%	Poor
Ray Lewis	54	25	11	90%	Good
Richard Beasley	38	0	0	38%	Poor
Ridgemount	53	25	8	85%	Good
Rockton	60	25	15	100%	Good
Rosedale	45	25	4	74%	Good
Rousseau	41	25	0	66%	Good
Shannen Koostachin	60	25	15	100%	Good
Sir Wilfrid Laurier**	54	13	0	67%	Good
Sir William Osler	53	25	11	90%	Good
South Meadow	60	19	15	94%	Good
Spring Valley	60	25	15	100%	Good
Strathcona^	29	6	0	36%	Poor
Tapleystown	25	25	0	50%	Fair
Templemead	53	25	11	90%	Good
Tiffany Hills	60	25	15	100%	Good
Viola Desmond**	60	25	15	100%	Good
Viscount Montgomery	44	25	0	69%	Good

2024 Long-Term Facilities Plan Section 2.2: Facility Assessment

Elementary Schools					
Facility	FCI Value (60%)	Equity and Accessibility (25%)	Alignment to Benchmarks (15%)	Total	Building Condition
W.H. Ballard**	40	25	4	69%	Good
Westview	49	25	0	74%	Good
Westwood**	47	0	0	47%	Fair
Winona	59	25	15	99%	Good
Yorkview	22	13	4	38%	Poor

Secondary Schools					
Facility	FCI Value (60%)	Equity and Accessibility (25%)	Alignment to Benchmarks (15%)	Total	Building Condition
Ancaster High	38	25	0	63%	Fair
Bernie Custis	60	25	15	100%	Good
Dundas Valley	51	25	6	82%	Good
Glendale	40	25	3	68%	Good
Nora Frances Henderson	60	25	15	100%	Good
Orchard Park	41	25	3	69%	Good
Saltfleet	52	25	3	80%	Good
Sherwood	14	25	0	39%	Poor
Sir Allan MacNab	47	25	3	75%	Good
Sir Winston Churchill	45	25	3	73%	Good
Waterdown	55	25	0	80%	Good
Westdale	51	25	6	82%	Good
Westmount	41	25	3	69%	Good

^ Approved closure pending ministry funding

** High Priority School

2024 Long-Term Facilities Plan Section 2.2: Facility Assessment

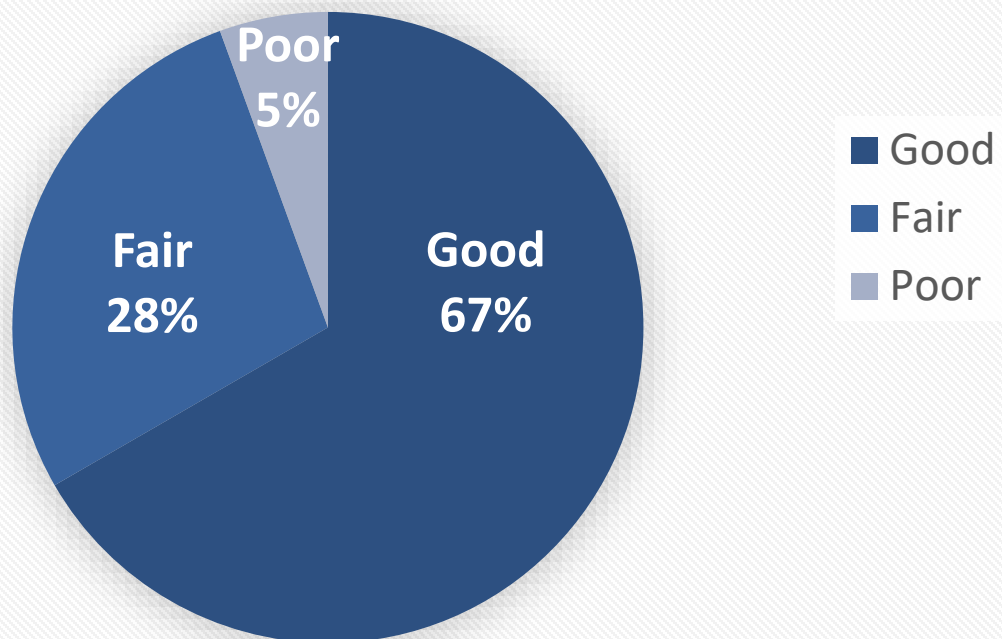
High Priority Schools Facility Assessment

The High Priority School Strategy launched in 2017-18 initially identified 20 elementary schools as high priority based on previous high/moderate needs, low student achievement, data from the census, the Early Development Instrument and superintendent visits. High Priority Schools Strategy involves assigning administrators to the schools based on the best fit; extra resources including reading specialists, student success teachers, math facilitators and elementary program consultants; regular meetings of diverse staff groups to identify successful practices; and the nurturing of community partnerships.

As of May 2023, there are 18 identified High Priority Schools, 1 in poor condition, 5 in fair condition and 12 in good condition.

High Priority School	Rating
Cathy Wever, Central, Dr Davey, Hillcrest, Pauline Johnson, Prince of Wales, Queen Mary, Queen Victoria, Sir Wilfrid Laurier, Viola Desmond, Viscount Montgomery and W.H. Ballard	Good
Bennetto, Hess Street, Lake Ave, Parkdale and Westwood	Fair
Adelaide Hoodless	Poor

High Priority Schhol - Facility Assessment



Section 3: Facility Operations

Section 3.1: 5-Year Facility Maintenance Plan

HWDSB

RENEWED 5 - YEAR FACILITY MAINTENANCE PLAN

Facility Services

JUNE 2024

HAMILTON-WENTWORTH DISTRICT SCHOOL BOARD
20 Education Court, Hamilton, Ontario L9A 0B9

BE YOU. BE EXCELLENT.

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Introduction

Hamilton-Wentworth District School Board (HWDSB) believes all students have the right to learn in equitable, affordable, and sustainable schools. The Renewed 5-Year Facility Maintenance Plan has been developed to support HWDSB's Strategic Directions, Board Improvement Plan and Long-Term Facilities Plan (LTFP). This Plan addresses specific non-renewal maintenance requirements in our facilities. The Board's Multi-Year Capital Plan addresses major renewal work such as window, boiler or roof replacements and major renovation projects.

Purpose

The Renewed 5-Year Facility Maintenance Plan provides us with a framework for addressing repairs and preventative maintenance events to ensure the ongoing operations of HWDSB facilities. The Plan provides a means of measuring actual progress against planned accomplishments. Through tracking of trending analysis, deficiencies may be maintained at a manageable level or used to reflect an unmanageable area of concern that should be addressed in future budget processes.

Objectives

The ultimate objective of the plan is to transition from a reactive plan to a predictive and preventative (proactive) plan that will permit the proper allocation of funds to the needs of the inventory, reduce emergency spending, and prolong the lifecycle of assets in the inventory.

Specific objectives include:

- Ensuring that facilities are operated in an effective, safe, and economical manner.
- Providing maintenance planning for buildings, grounds, and equipment, which eliminates or reduces, the risk of failure and safety hazards; thereby, protecting the occupants as well as the investment.
- Providing minor alterations to facilitate the continued functionality of buildings as their educational needs and uses change over time.
- Providing continuous use of facilities without disruption to programs by applying the principles of Preventive Maintenance (PM), thus reducing the possibility of emergency repairs.

Resources

The execution of the Renewed 5-Year Facility Maintenance Plan is led by the Facility Operations Manager, who is supported by a team of 14 Facility Operation Supervisors. Those supervisors are each assigned to a Secondary School and a group of Elementary Schools and are responsible to oversee custodial and maintenance activities and staffing throughout the operating school day. Facility Operations Supervisors rotate supervision during the afternoon and evening caretaking shifts.

Methodology

Facility Services staff regularly review the Facility Condition Index (FCI) prepared by VFA Canada for each of the 93 schools in the current HWDSB inventory. In addition, reactive and proactive facility needs are tracked utilizing the work order system and facility operations software adopted by HWDSB.

The Renewed 5-Year Maintenance Plan was developed utilizing data from the FCI. FCI is a ratio used to measure the relative condition of a building taking into account all building systems. It is calculated by

dividing the cost of repairs for the building by the replacement value. Currently, FCI is only determined by requirements that have been identified under the School Condition Improvement (SCI) funding source. School Condition Improvement is one of the funding sources the ministry requires to be reported in VFA. Requirements that were addressed using a different funding source are not currently included in the FCI calculation. It is expected that SCI, SRA and Proceeds of Disposition (POD) will be reflected in future VFA/FCI reporting. As such, HWDSB Facility Services staff will be tracking these costs in preparation for future FCI enhancements.

Facility condition assessments occur on a five-year cycle. These assessments are derived from visual inspections undertaken for the architectural, structural, mechanical and electrical elements of the building. The assessment is used to determine the remaining service life of a specific building component. FCI assessors determine the replacement timing of a building component and the estimated cost to address the replacement. It is with the replacement timing and estimated cost that the FCI can be calculated.

Renewal VS Non-Renewal Requirements

A **renewal** requirement is a requirement record that is automatically generated based on a system renewal event in VFA. A system renewal event is the cyclical repair or replacement of a VFA system as it reaches the end of its useful life. System renewal is forecast to occur at the end of a system's lifetime in its renewal year, which is based on the system's expected lifetime or its observed condition.

A **non-renewal** requirement is a facility need or a deficient condition that should be addressed, including deferred maintenance, code issues, functional requirements, and capital improvements. A non-renewal requirement can affect an assembly, piece of equipment, or any other system.

Maintenance plan projects are typically non-renewal requirements. However, for this plan, both renewal and non-renewal requirements have been considered. For example, a roof replacement would be considered a renewal and a major roof repair is considered a non-renewal requirement as it does not involve an entire system replacement.

Other Exclusions

VFA tracks and records the lifecycle of building components from the year of install. There are some systems, such as standard foundations or structural frames, which have a lifecycle of 150 years and require extensive work and funding to address as a replacement project. In these cases, VFA recommends that a study take place to determine the cost of major renewal or replacement for these systems. As such, cost estimates identified in VFA are based only on a visual inspection.

Studies for standard foundations and structural frames are not included in this plan. Electrical components are also not included in this plan as assessments are limited to visual inspection only, making it difficult to determine actual conditions.

Preventative Maintenance Plan

A Preventative Maintenance Plan has also been developed to support the objectives of the 5-Year Facility Maintenance Plan. Preventative maintenance is scheduled maintenance to equipment in buildings ensuring that building systems are operating properly in order to avoid any unscheduled breakdown or downtime. Preventative maintenance is completed by CUPE Maintenance and Caretaking

staff, who regularly inspect and service equipment on a scheduled basis. Services are also provided by certified third party providers when required.

Asset Management

HWDSB utilizes a facility operations system that includes an asset management module. The Facility Services division is currently in the process of cataloguing vital building assets for the purposes of scheduling regular maintenance and for lifecycle management.

The asset management tool allows us to:

- Capture and store major capital assets within the building envelope including mechanical, electrical and architectural components and systems
- Track complete lifecycle information for all physical assets, including theoretical life, estimated replacement date and current value
- Plan inspections and routine maintenance according to your preventative maintenance plan using the built-in scheduler
- Search and report on work orders by asset and by type of maintenance schedule

Funding

The Renewed 5-Year Facility Maintenance Plan is financed through three main sources of funding:

School Facilities Fund

School boards receive funding for maintenance and minor repairs through the School Facilities Fund (SFF). This fund is also reserved for other costs associated with facilities such as utility, insurance, cleaning, maintenance, security and custodial staffing. The amount we receive from the Ministry through the School Facilities Fund is calculated based on enrolment numbers and a square footage factor. HWDSB determines percentage allocations to the various components of our operations. Currently HWDSB allocates approximately \$3.5M to maintenance repairs and minor renovations. Preventative Maintenance is funded in part through this grant.

School Condition Index

School Condition Improvement (SCI) SCI is intended to address the renewal backlog from the data collected to date through the Ministry's 5-year Condition Assessment Program. 70 percent of SCI funding must be directed to key building components (foundations, roof, windows and HVAC / plumbing systems). The remaining 30 percent may be directed to the costs to improve any locally identified renewal needs that are listed in VFA.

School Renewal Allocation

School Renewal Allocation (SRA) is an annual amount that is provided through the Ministry funded under School Facilities Fund under Core Education Funding. This grant is available to address the costs associated with repairs and renovations to schools. Up to 15% of the SRA can be spent on renewal and repair of building systems. Historically, HWDSB received approximately \$8M in SRA funds, of which \$1.1M can be utilized to address renewal needs as identified through VFA.

Implementation

Preventative Maintenance Planning

The Preventative Maintenance Plan is intended to reduce reactive repairs on facility equipment. This program will also reduce down-time for equipment and potential loss of service for buildings. The items listed in the plan are deemed to be essential pieces of equipment to which service schedules can be assigned.

Service schedules are determined through various sources. In some cases, preventative maintenance is mandatory and directed through regulated requirements. For example, the Technical Standards and Safety Authority (TSSA) sets industry standards in Ontario for boilers and pressure values and elevating devices. In other cases, preventative maintenance schedules are established by following manufacturers suggested service intervals or industry standards.

The estimated costs for conducting preventative maintenance plans on each component is estimated to be \$240,000 annually over the 5-year period.

Preventative maintenance is tracked through recurring work orders scheduled for each asset identified. Asset tracking allows us to monitor the performance of an asset throughout its lifecycle and foresee future replacement. The asset tracker also allows us to review all maintenance work performed on the asset and ensure that routine inspections are performed as required in the plan.

The Facility Services Division has identified ten building system assets for ongoing preventative maintenance planning. They are as follows:

<i>Asset</i>	<i>Preventative Maintenance Plan</i>
<i>Elevators</i>	Elevators are serviced through a third-party licensed mechanic. Preventative maintenance includes inspections both inside and outside the car. Repairs and adjustments are made as inspections are completed.
<i>Lifts and LULAs (Limited Use, Limited Application)</i>	Lifts and LULAs are intended for limited use to address specific accessibility needs. Lifts are also serviced through a third-party licensed mechanic. Preventative maintenance includes examination and adjustments to the power unit, hydraulics, lifting and mounting points, and railings.
<i>Boilers</i>	A boiler is a closed vessel or arrangement of vessels and tubes, together with a furnace or other heat source, in which steam or other vapor is generated from water to supply heat. Preventative maintenance for boilers involves three steps: fireside maintenance, waterside maintenance, and system diagnostics.
<i>Pumps</i>	Pumps circulate liquid to building areas. Preventative maintenance for pumps involves lubrication, inspection of moving parts, inspection for leaks and replacement of worn parts.
<i>Compressors</i>	Air compressors are devices that pressurizes air and are used to power shop equipment or air powered devices such as thermostats. Preventative maintenance for compressors involves inspecting all moving parts, inspecting and replacing belts as necessary, and checking for proper operation.
<i>Chillers</i>	A typical chilled water cooling plant is comprised of one or more chiller(s), chilled water circulation pump(s), condenser water pump(s), and cooling tower(s).

<i>Asset</i>	<i>Preventative Maintenance Plan</i>
	Preventative maintenance for chillers involves inspecting all moving parts, ensuring a leak free unit, cleaning the tubes, testing and treating the water and analyzing oil and refrigerant.
<i>Fan Units</i>	A fan unit distributes air to areas of buildings for the purposes of heating, cooling or ventilation. Preventative maintenance on fan units includes inspecting the unit and removing any visible debris and dust, oiling and lubricating moving parts and checking and replacing belts.
<i>Roof Systems</i>	Roof systems include components such as the membrane, ballast, insulation and curbs. The preventative maintenance for a roofing system involves detailed inspections, condition assessments and repairs to areas of concern.
<i>Unit Ventilators</i>	Unit ventilators heat or cool air to provide warmth or cooling to a single room. Preventative maintenance for unit ventilators is inspecting the outside and inside of the unit and removing any visible debris and dust, oiling and lubricating moving parts and checking and replacing belts.
<i>Heat Pumps</i>	Heat pumps use energy to transfer heating or cooling to a space. Preventative maintenance for heat pumps involves inspecting for dirt and other obstructions and lubricating motors, inspecting belts for tightness and wear and replacing belts as necessary.
<i>Cooling Towers</i>	A cooling tower is a specialized heat exchanger in which air and water are brought into direct contact with each other in order to reduce the water's temperature. Preventative maintenance for cooling towers includes monitoring conductivity readings and checking valves, bolts and fan belts.
<i>Kitchen Exhaust Systems</i>	A kitchen exhaust system is a device that has a mechanical fan hanging above a cooktop which helps to remove odors, airborne grease, fumes, combustion products, smoke, heat, and steam from the air by evacuation of the air and filtration. Systems are inspected, degreased, cleaned and serviced.

Plan to Address VFA Requirements

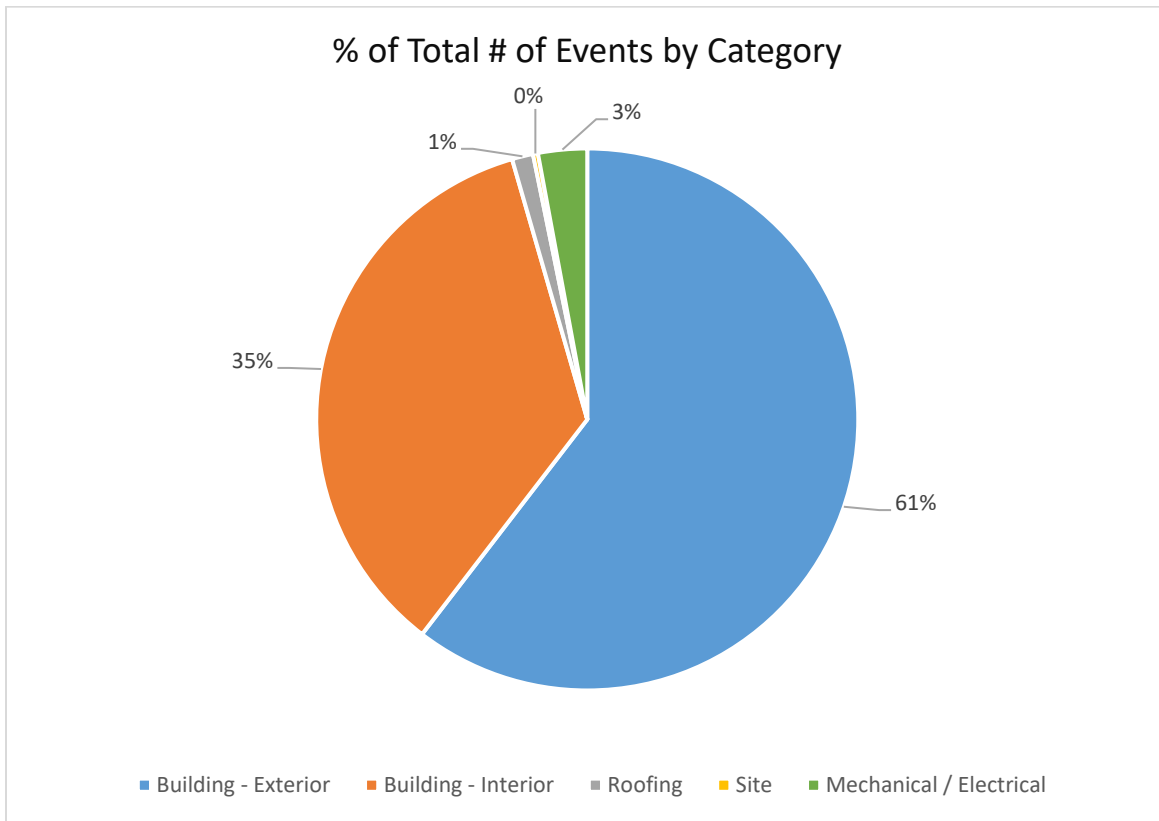
The Renewed 5-Year Facility Maintenance Plan focuses on addressing requirements grouped into the following categories; building exterior, roof, building interior, mechanical, and site. Examples of events included in each category are as follows:

Category	Examples of Events Included in Category
Building - Exterior	concrete, masonry, framing, and windows
Building - Interior	partition walls, millwork, flooring, stairs, ceilings and elevators
Roof	roof repair replacement, shingles
Mechanical & Electrical	HVAC, plumbing, branch wiring
Site	asphalt, paving, concrete, grass, retaining walls

A total of 37 event requirements at 26 schools have been identified in VFA using the methodology described earlier in this report.

VFA assigns a value to each component listed in the requirements. Estimated costs as based on those predetermined values. Actual costs for repairs will vary over the five years and will depend on a number of factors including market conditions, variations in cost of labour and materials and availability of service providers. The total estimated cost over the five years is provided below and has been grouped by requirement categories.

Category	Estimated Cost
Building - Exterior	\$ 2,356,221.00
Building - Interior	\$ 1,368,010.00
Mechanical & Electrical	\$ 49,177.00
Roof	\$ 11,482.00
Site	\$ 113,810.00
Total	\$ 3,898,700.00



All events identified through the methodology have been addressed in the 5-Year Facility Maintenance Plan. The criteria for selecting the year in which a project will be completed is based on factors such as available funding, alignment with other capital projects, and potential equipment failure.

Not all schools assessed as “Fair” in the condition assessment are included in this five-year plan. This may be due to the timeline criteria that was used to select events from VFA. It may also be that these schools are identified for renovation work, replacement or closure through the LTFP or through the Multi-Year Capital Plan. Other influencing factors such as building emergencies, changes in funding or changes to Board priorities have the potential to influence or alter the current priorities.

Summary

As the Renewed 5-Year Facility Maintenance Plan is implemented, it is our expectation that we will continue to improve our ability to predict and prevent failures in our building systems. Addressing VFA requirements in a systematic way will allow us to track and measure our progress on an annual basis. Through the execution of this plan, areas of concern will be identified in a proactive way and managed more effectively through budget forecasting and project planning, thus reducing the need for emergency repairs and replacements to our building assets.