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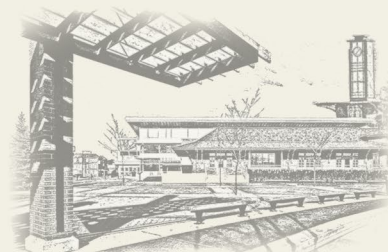
## Durham Catholic District School Board

### Education Development Charges Background Study and Review of Education Development Charges Policies

Date: March 8, 2019



enhancing our living and  
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## FOREWORD

The following document fulfills section 257.61 of the Education Act which states “before passing an education development charge by-law, the board shall complete an Education Development Charges Background Study”. The following document contains the Education Development Charge (EDC) Background Study report for the Durham Catholic District School Board (DCDSB).

The following document also contains the background report pertaining to a “Review of the Education Development Charges Policies” of the DCDSB, consistent with the legislative requirements to conduct a review of the existing EDC policies of the Board prior to consideration of adoption of a successor EDC by-law.

Finally, this report includes a copy of the proposed EDC by-law which designates the categories of residential and non-residential development, as well as the uses of land, buildings and structures on which EDCs shall be imposed, in specifying the areas in which the established charges are to be imposed.

On October 12, 2018 the Province of Ontario passed O. Reg. 438/18 prohibiting school boards from enacting successor EDC by-laws that would impose any EDC rates higher than the current in-force by-law rates (which will be referred to as Interim By-law or ‘capped’ rates in this report), until such time as the Province has had an opportunity to review the EDC legislation. In the interim, this Background Study report and recommended EDC rates reflect the charges necessary to fund the net education land costs over the next 15 years. Any shortfalls in funding arising from the adoption of Interim By-law rates, or ‘capped’ rates, will have to be made up either from higher EDC rates in future or from provincial grants.

## ACKNOWLEDGEMENTS

The consultants wish to acknowledge, with appreciation, the efforts of the school board staff in providing invaluable assistance throughout the study process.

Further, the consultants wish to acknowledge the assistance of Mr. Brad Teichman, Overland LLP, legal counsel for the co-terminous Durham Boards on education development charge matters; the expertise provided by Robson Associates Inc. on matters dealing with site valuation; as well as Tim Uyl, Vice President of Paradigm Shift Technology Group Inc. (PSTGI) for his company’s assistance in the development of the student enrolment projections and review area mapping.

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# Durham Catholic District School Board– 2019 Education Development Charge Background Study

## EXECUTIVE SUMMARY

The purpose of this report is to provide background information with respect to the calculation of the Durham Catholic District School Board's (DCDSB) Education Development Charges (EDCs) to be implemented in a new EDC by-law (subject to the Interim By-law provisions established by O. Reg. 438/18). The Board will seek input from the public, hold concurrent joint public meetings with the DCDSB on Tuesday March 26, 2019 and give consideration to the public submissions prior to passage of education development charges proposed for Monday April 15, 2019.

On April 22, 2014 the DCDSB adopted Education Development Charges By-law 2014 implementation of the following rates as of May 2, 2014:

\$ 786 per residential dwelling unit

and based on 100% recovery of net education land costs from new residential development.

The existing by-law is scheduled to expire on May 1, 2019. Further, section 257.56 of the *Education Act* stipulates that an EDC by-law does not come into force before the 5<sup>th</sup> day after the date of by-law passage by the Board. Therefore, in order to ensure the continuation of education development charges as a source of funding growth-related student accommodation needs, the DCDSB must adopt a successor by-law or by-laws no later than April 26, 2019.

The primary purpose of any Board in implementing education development charges is to provide a source of funding for growth-related education land costs which are not funded by capital grant allocations under the Province's capital funding model.

EDCs may be set at any level, provided that:

- The procedures set out in the Regulation and required by the Ministry are followed and only growth-related net education land costs are recovered; and,
- No more than 40% of the applicable cost is financed via non-residential development (including non-exempt commercial, industrial and institutional development).

The EDC calculation is based on new pupils generated by new dwelling units within the Region of Durham (except Clarington) for which:

- building permits will be issued over the fifteen-year forecast period mid-2019 to mid-2034;
- students generated by new housing development who are accommodated in temporary capacity awaiting funding approval, construction & opening of new school spaces (it is noted that EDC revenue derived from the construction and subsequent occupation of

this new housing development is sitting in the EDC account in anticipation of the acquisition and development of additional growth-related lands<sup>1</sup>);

- additional land or site development costs are required to meet these growth-related student accommodation needs; and
- education development charges may be imposed on the new dwelling units (i.e. those that are not statutorily exempted from the payment of EDCs).

## KEY EDC STUDY COMPONENTS

In determining what level of education development charges are necessary to fund future growth-related school site needs, the following key questions must be explored and answered:

- How many new housing units are expected to be constructed over the 15 years following by-law adoption and how many additional DCDSB students will be generated by these new housing units;
- How many pupil places owned and operated by the DCDSB are surplus to existing community enrolment needs, and therefore available to accommodate the new housing development within reasonable proximity to the new development (i.e. students' resident areas), over the long term;
- What portion of the Board's OTG capacity is being used to temporarily accommodate students generated by new housing development and for which a permanent accommodation has not yet been constructed (i.e. transitional site requirements);
- How much will it cost to acquire and service the land necessary to construct the additional pupil places necessitated by new housing development, and;
- How does the land acquisition strategy outlined in this report align with the Board's long-term capital plans and future Capital priority funding requests?

## ELIGIBILITY TO ADOPT A SUCCESSOR EDC BY-LAW

In order to be eligible to adopt a successor EDC by-law the DCDSB must demonstrate that it will either have a deficit in the EDC account as of May 1, 2019, or average enrolment over the next by-law period will exceed school capacity on either the elementary or secondary panel. The DCDSB is expected to have both elementary and secondary enrolment in excess of capacity. As such, the DCDSB qualifies to adopt a successor EDC by-law.

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<sup>1</sup> The EDC Guidelines (section 2.3.8 (1)) state that the determination of growth-related net education land costs 'may include school sites considered under a previous by-law but not yet acquired'.

## FORECASTING DEVELOPMENT

A forecast of new dwelling units and the projected number of DCDSB students to be generated by new housing development in the area in which EDCs are to be imposed, over the 15-year forecast period, were derived from a consideration of:

- A review of the most recent forecasts of occupied dwellings underlying each area municipal development charges by-law as of July, 2018, and the Region of Durham (except Clarington) March 27, 2018 DC study forecast (Appendix A) for the mid-2019 to mid-2028 forecast period;
- Durham Regional Official Plan 2041 and Growth Plan for the GGH June 2013 prepared by Hemson Consulting Ltd. - Population and Employment Forecasts to 2041 as the basis for the mid-2028 to mid-2034 forecast period;
- Review of a draft 15-year EDC housing forecast during a May 17, 2018 meeting with area municipal and Regional representatives and background materials respecting development applications provided by attendees, along with consideration of additional comments provided by the City of Oshawa;
- A review of the change in occupied dwellings by Census Tract, and;
- Development phasing data provided by the Durham Catholic DSB;
- Historical housing completion data by area municipality.

A spatial matching of the DCDSB elementary and secondary school attendance boundaries against development applications specifying dwelling unit type and location was undertaken in order to determine how many pupils would be generated by additional housing development. Board-specific pupil yields were applied to the forecast of new residential units within each school catchment area to determine how new residential development would impact future enrolment of individual DCDSB schools.

The EDC 15-year housing forecast suggests that an additional 102,676 net new occupied dwelling units will be added to the existing housing stock in the Region of Durham (except Clarington) over the next fifteen years, at an average of 6,845 units per annum. Of the net additional dwelling units, approximately 36% are anticipated to be low density (single and semi-detached), 31% medium density (row houses, back-to-back townhouses, etc.), and the remaining 33% high density apartment units. The EDC housing forecast is net of demolitions and statutory exemptions.

The forecast of non-residential development is based on the following background information:

- Region of Durham (except Clarington) March 27, 2018 Development Charges Report for the mid-2019 to mid-2028 forecast of employment and non-residential floor space forecast by sector (Table A-14);
- Interpolation of the 2021 to 2041 forecast of employment - 2041 Employment Forecast of 430,000 employees less Clarington (i.e. post mid-2028 non-res GFA based on 117 square



metres industrial; 39 commercial and 63 institutional square metres per employee) with Seaton – Table A-15);

- A review of the 2015, 2016 and 2017 Development Activity Summary and Growth and Development Reviews of Industrial, Commercial and Institutional Market and Building Activities building permit data to determine what percentage of the industrial, commercial and institutional development would be statutorily-exempted from the payment of education development charges.

The projection of additional non-residential gross floor area (GFA) over the 15-year forecast period (61,320,251 million additional square feet of “net” gross floor area) is applied to the portion of the net education costs that the DCDSB intends to recover from non-residential development.

## FORECASTING STUDENT ACCOMMODATION NEEDS

Consultant-prepared 15-year school enrolment projections are used to determine the number of growth-related school sites required as a result of anticipated enrolment growth within the Board’s jurisdiction. This enrolment growth may include holding pupils (i.e. growth-related pupils held in temporary capacity awaiting the construction of new pupil places) accounted for within their resident community and additional pupils to be generated by new dwelling units over the next 15 years. The information respecting projected enrolment and growth-related site needs is compared to, and aligned with, the Board’s long-term capital priority needs.

All elementary enrolment projections are “headcount enrolment” as this is reflective of the Provincial 2010 initiative respecting full-day kindergarten. Secondary enrolments are reflective of “average daily enrolment.” In addition, for the purpose of education development charges, the enrolment projections are prepared from the perspective of accommodating pupils in their home school areas over the long term (i.e., holding situations outside of the review area are transferred back to their resident area, and students from new housing development are presumed to be accommodated within their resident area over the long term) where the board anticipates the construction of additional pupil places to serve new housing development.

The derivation of by-school and by-grade enrolment projections consists of two distinct methodological elements. The first follows a retention rate approach to determining how the existing pupils of the Board (i.e. pupils residing in existing housing within the Board’s jurisdiction, as well as any pupils who reside outside of the Board’s jurisdiction and currently enrolled in schools operated by the Board) would move through each grade and transition from the elementary to the secondary panel, including any shifts in apportionment moving from elementary to secondary school programs (i.e. picking up or losing students to a co-terminous school board or the independent school system). This element of the enrolment projection methodology is known as the “**Requirements of the Existing Community.**” The EDC Regulation does not specifically require a school board to prepare a projection of Existing Community enrolment. Some of these pupils attend schools where temporary holding spaces have been provided in anticipation of the construction of new pupil places in their resident area, once capital funding approval is provided by

the Province. The length of time between the issuance of a building permit to construct a new home and the construction/opening of new pupil places necessary to serve new housing development is exacerbated under the current capital funding model, when compared to the NPP funding model that was in place when the existing EDC legislation was enacted. Increased high-density and residential development derived from intensified land uses further lengthens the time between building permit issuance and housing occupancy. The length of time necessary to accumulate sufficient pupils to warrant the construction of additional school capacity is further exacerbated where the pupils per household is low (e.g. the number of pupils required to fill a French-language school takes longer to materialize than an English-language school), or there is a delay in capital approvals to construct new pupil places (due to limited capital funding dollars; capital or consolidation moratoriums delaying the fulfillment of board-approved accommodation strategies).

As stated, the EDC Regulation does not specifically require a school board to prepare Existing Community enrolment projections, nor does it require a school board to count any existing capacity (temporary or permanent capacity) against the accommodation needs of enrolment generated from new housing development (provided that the school board had an EDC by-law in place at the time and that by-law recognized a need to acquire additional land to serve these growth-related pupil place requirements), where these growth-related pupils are awaiting the construction of additional capacity within their resident area. In other words, the school board is entitled to assume that these pupils have no long-term accommodation solution as yet and that the EDC funds generated by the construction of their associated new housing development is to be used to pay for the acquisition and development of the school sites necessary to build the additional school capacity. The EDC Guidelines contemplate the preparation of Existing Community enrolment projections in order to better understand growth-related land needs in the context of longer-term accommodation strategies of the board.

The second part of the enrolment projection exercise is to determine how many pupils would be generated by additional housing development over the 15-year forecast period, and what portion of these pupils would potentially choose to attend schools of the Board. This element of the enrolment forecasting exercise is known as the “**Requirements of New Development.**”

The EDC Guidelines require that each projection element be examined separately and subsequently combined to determine total projected enrolment. The methodological approach to each element is examined in depth in Chapter 5.

Finally, the EDC Guidelines require that school boards use School Facilities Inventory System (SFIS) On-the-Ground (OTG) capacities, rather than functional capacities (which have a higher facility utilization factor) as the basis for determining available and accessible pupil places for EDC purposes.

The analysis undertaken in this background study is designed to ensure that the recovery of net education land costs is consistent with the longer-term capital priorities of the board.

The capacity of the elementary and secondary facilities in the Board’s existing inventory is reflective of the On-the-Ground (OTG) capacities approved by the Ministry for EDC purposes, including any

permanent capacity that is in the design/construction process and is expected to open within the 2019/2020 school year.

The jurisdiction-wide mid-2019 to mid-2034 projections of enrolment indicate that, for the DCDSB, the number of elementary pupils will increase by 5,662 (14,843 to 20,505) and secondary pupils will increase by 2,528 (6,352 – 8,880) students on a jurisdiction-wide basis.

Detailed student enrolment projections for each school are found in Appendix A.

The 15-year housing forecast has been attributed to each elementary and secondary school based on the location of proposed residential development vis-à-vis the school attendance boundaries approved by the Board. The Requirements of New Development, or ROND, is therefore determined on a school-by-school basis. The individual schools impacted by new housing development are subsequently reviewed to determine their ability to accommodate additional student enrolment from new development. Where it is determined that there is a need to acquire additional land to accommodate enrolment growth; the number of additional pupil places required, along with the potential cost to acquire and service the lands; is the key determinant to establishing projected net education land costs.

The determination of net growth-related pupil places (NGRPP) and associated growth-related site needs reflect:

- projected 2019 to 2034 enrolment growth within each of the 9 elementary and 3 secondary review areas, taking into consideration housing development by school and the extent to which individual school enrolment will be affected by that development, as well as;
- attribution of site sizes for new school sites based on the standards established by the Board;
- Site costs and site preparation/development costs reflect a combination of the Board's site acquisition experiences and appraisal research recently undertaken by Robson Associates Inc. on the Board's behalf.

## **REQUIREMENT TO ADOPT AN INTERIM EDC BY-LAW**

On October 12, 2018 the Province of Ontario enacted O. Reg. 438/18 prohibiting school boards from enacting successor EDC by-laws that would impose any EDC rates higher than the current in-force by-law rates (referred to as Interim By-law or capped rates in this report), until such time as the Province has had an opportunity to review this legislation. In the interim, this Background Study report and recommended EDC rates reflect the charges necessary to fund the net education land costs over the next 15 years, regardless of the legislated rate 'cap'.

Other changes made with the enactment of O. Reg. 438/18 include:

- Several policy decisions that were the purview of Trustees as part of the EDC by-law adoption process have been restricted in the legislation – that is:
  - No ability to make changes in the residential/non-residential shares
  - No ability to consider the adoption of differentiated residential rates

where the policy decisions would result in an increase the EDC rates beyond the August 31, 2018 charges;

- No ability to consider the adoption of area specific charges
- EDC boards no longer have to adopt resolutions respecting any operating surplus or alternative accommodation arrangements that could be used to reduce the charge
- EDC boards aren't required to provide an explanation in the EDC Submission if they remove any available and surplus capacity from the calculation (e.g. spaces being used as temporary holding)

In the interim EDC boards with by-laws expiring prior to Fall of 2019 are proceeding to prepare EDC Background studies in order to determine the difference between the 'Interim By-law capped' rates and the 'calculated rates' necessary to recover 100% of the growth-related net education land costs. EDC boards are following the same process respecting stakeholder consultation and conducting public meetings, as well as seeking Ministry approval of the 15-year enrolment projections and number of school sites underlying the 'calculated rates'. Generally, EDC boards will seek to adopt 5-year by-laws with a view to amending the by-laws to increase the charges once the Provincial review is complete. Boards may need to keep track of the EDC funding shortfall during the period that 'capped' rates are in place. There is no directive at this time as to how the funding shortfall will be met: increased EDC rates, or provincial funding. Finally, any delay in funding approvals to construct new pupil places necessitated by enrolment pressures increases the level of temporary holding required and potentially the shortfall in EDC funding if this growth-related need is not built into future EDC rates.

## RESULTING PROPOSED EDC RATES

As a result of undertaking all of the necessary research and completing the EDC submission, the proposed education development charge for the Durham Catholic DSB, where 100% of the costs are recovered from residential development, is as follows:

**\$ 4,004 per residential dwelling unit**

**\$ 0.00 per square foot of non-residential gross floor area**

This is in comparison to the \$ 786 per residential dwelling unit and \$0.00 per square foot on non-residential gross floor area adopted as part of the 2014 EDC by-law adoption process.

While the calculated EDC by-law rates are based on 100% residential recovery, and the Board may choose to retain this approach or may elect to allocate a different percentage of the charge (a minimum of 0% up to a maximum of 40%) to non-residential development, but only after the Ministry of Education has completed a review of this legislation.

The EDC forms for the Board were submitted to the Ministry of Education for approval, on February 6, 2019. Ministerial approval of the submission is required prior to by-law adoption.

In the event that the School Board chooses to enact a by-law levying education development charges on non-residential development, then the by-law will take substantially the form set out in Appendix B. The range of possible charges depends on the Board's choice of the percentage of the growth-related net education land cost that is to be funded by charges on residential development and the percentage, if any, that is to be funded by charges on non-residential development. The percentage that is to be funded by charges on non-residential development shall not exceed 40 percent, according to section 7, paragraph 8 of Regulation 20/98. The range of possibilities for the Board is set out below:

<b>DURHAM CATHOLIC DISTRICT SCHOOL BOARD</b>		
<b>Proposed EDC Rates</b>		
<b>Non-Residential Share</b>	<b>Residential Rate</b>	<b>Non-Residential Rate</b>
0%	\$4,004	\$0.00
5%	\$3,804	\$0.34
10%	\$3,604	\$0.67
15%	\$3,403	\$1.01
20%	\$3,203	\$1.34
25%	\$3,003	\$1.68
40%	\$2,402	\$2.68

## CHAPTER 1 - INTRODUCTION

### 1.1 Legislative Background

Education development charges (EDCs) are charges which may be levied by a Board on residential, industrial, commercial and institutional development (excluding municipal, school, specified residential additions to existing units and replacement dwellings, as well as specific exemptions for industrial expansions of gross floor area and replacement non-residential development) pursuant to Division E of Part IX of the *Education Act*.

The charges relate to the net education land cost of providing additional land (school sites and/or site development costs) for growth-related pupils. Net education land costs are defined by the legislation to be:

- Costs to acquire land, or an interest in land, including a leasehold interest, to be used by the board to provide pupil accommodation;
- Costs to provide services to the land or otherwise prepare the site so that a building or buildings may be built on the site to provide pupil accommodation;
- Costs to prepare and distribute the EDC background studies;
- Interest on money borrowed to pay for land acquisition and site servicing;
- Costs to undertake studies in connection with land acquisition.

The DCDSB EDC charges are collected at building permit issuance by each of the area municipalities within the Region of Durham (except Clarington), implementing the provisions of the Board's education development charge by-law.

Education development charges are the primary source of funding site acquisition needs for a school board experiencing growth within their jurisdiction.

Section 257.54 of the *Education Act* allows a board to “pass by-laws for the imposition of education development charges” if there is residential development in the jurisdiction of a board that would increase education land costs.

However, education development charges as a means of financing site acquisition costs are only available to boards who qualify under the legislation. To qualify, the Board's average projected enrolment over the five-year by-law period must exceed permanent capacity at the time of by-law passage on either the elementary or secondary panel, for the entire Board jurisdiction, or alternatively, the Board must demonstrate that it has an existing unmet financial need.

Further, Section 257.70 of the *Education Act*, enables a board to “pass a by-law amending an education development charge by-law.” A by-law amendment allows a board the opportunity to assess circumstances where actual expenditures exceed cost estimates, to ensure full cost recovery and deal with short term cash flow shortfalls. If, for instance, recent site acquisition or site development costs are higher or lower than estimated in the existing by-law calculation, an amendment could be undertaken to incorporate these increased or decreased costs into the EDC

rate structure(s). The same is true for by-law renewal, in that the transitional EDC account analysis determines the relationship between EDC revenue raised and site acquisition/site development needs generated by enrolment growth. By-law amendment and renewal requires a reconciliation of the EDC account under section 7(5) of O. Reg. 20/98.

## 1.2 Durham Catholic District School Board EDC By-law

The Durham Catholic District School Board (DCDSB) has imposed education development charges since September 1999 under the legislative authority of the *Education Act*, R.S.O., 1990. In each of 1999, 2004, 2009 and 2014, the DCDSB adopted jurisdiction-wide EDC by-laws that applied to the entire Region of Durham (except Clarington). While the Board has historically had the legislative authority to consider the adoption of multiple area-specific by-laws, the total EDC rates by residential and non-residential development are lower when averaged across the jurisdiction.

## 1.3 Policy Review Process and By-law Adoption Consultation Requirements

In order to consider the adoption of a new EDC by-law, the Board must first undertake a review of its existing EDC policies, in accordance with the legislation. Section 257.60 sub-section (1) of the *Education Act* states that:

“Before passing an education development charge by-law, the board shall conduct a review of the education development charge policies of the board.”

Sub-section (2) goes on to state that:

“In conducting a review under subsection (1), the board shall ensure that adequate information is made available to the public, and for this purpose shall hold at least one public meeting, notice of which shall be given in at least one newspaper having general circulation in the area of jurisdiction of the board.”

As the Board has an existing EDC by-law in place, this section, therefore, has the effect of requiring a minimum of two public meetings to be held as part of consideration of a new education development charge by-law. The DCDSB and the DCDSB intend to conduct joint policy review and successor by-law EDC public meetings, with separate by-law adoption meetings.

The purpose of the first public meeting is to ensure that adequate information is made available to the public relative to the Board’s review of the education development charge policies of the Board. This meeting will be held Tuesday March 26, 2019 at 7:00 PM at the DDSB Boardroom located at 400 Taunton Road East, Whitby. Information respecting a review of the Board’s policies is being made available to the public as part of this document. This information is titled, “Background Document Pertaining to a Review of the Education Development Charge Policies of the Durham Catholic District School Board” and is found in Appendix C of this document.

The Durham Boards met with development community stakeholders on January 25, 2019 meeting to review the basis for the proposed charges and to invite any comments.

The scheduling of the second public meeting requires that the proposed by-law and the new education development charge background study are made available to the public at least two weeks prior to the meeting, and to ensure that any person who attends the meeting “may make representations relating to the by-law” (s.257.63(2)). This meeting is also scheduled for Tuesday March 26, 2019 immediately following the 7:00 PM public meeting, and will also be held at the DDSB Board offices.

Finally, the DCDSB Board is expected to consider the adoption of a new education development charge by-law on Monday April 15, 2019 7:00 PM at the DCDSB Boardroom located at 650 Rossland Road West, Oshawa.

A copy of the “Notice of Public Meetings” is set out on the following page, followed by a summary table of the adopted EDC rates for all Boards with in-force EDC by-laws.



**DURHAM CATHOLIC DISTRICT SCHOOL BOARD  
EDUCATION DEVELOPMENT CHARGES  
Durham Region (Excluding The Municipality Of Clarington)  
NOTICE OF PUBLIC MEETINGS**

**FIRST MEETING  
– POLICY REVIEW PUBLIC MEETING –  
TUESDAY, MARCH 26, 2019 @ 7:00 P.M.  
To be held at Durham District School Board, Education Centre  
400 Taunton Road East, Whitby**

TAKE NOTICE that on March 26, 2019, the Durham Catholic District School Board will hold a public meeting pursuant to Section 257.60 of the Education Act. The meeting will be held jointly with the Durham District School Board. The purpose of the meeting will be to review the current education development charge policies of the Board and to solicit public input. Any person who attends the meeting may make a representation to the Board in respect of the policies. The Board will also consider any written submissions.

A Policy Review Document setting out the Board's policies for the current education development charge by-law will be available on or before March 8, 2019, at the Board's administration offices during regular office hours and on the Board's website at [www.dcdsb.ca](http://www.dcdsb.ca).

**IMMEDIATELY FOLLOWED BY SECOND MEETING  
– SUCCESSOR BY-LAW PUBLIC MEETING –  
TUESDAY, MARCH 26, 2019 @ 7:30 PM  
To be held at Durham District School Board, Education Centre  
400 Taunton Road East, Whitby**

TAKE NOTICE that on March 26, 2019, the Durham Catholic District School Board will hold a second public meeting pursuant to Section 257.63 of the Education Act. The meeting will be held jointly with the Durham District School Board.

The purpose of the second public meeting is to consider the continued imposition of education development charges and a successor by-law and to inform the public generally about the Board's education development charge proposal. Any person who attends the meeting may make a representation to the Board in respect of the proposal. The Board will also consider any written submissions. The education development charge background study required under Section 257.61 of the Education Act (including the proposed EDC by-law) setting out the Board's education development charge proposal will be available on or before March 8, 2019, at the Board's administrative offices during regular office hours and on the Board's website at [www.dcdsb.ca](http://www.dcdsb.ca).

**THIRD PUBLIC MEETING  
– IN CONSIDERATION OF BY-LAW ENACTMENT –  
MONDAY, APRIL 15, 2019 @ 7:00 PM  
To be held at Durham Catholic District School Board, Catholic Education Centre  
650 Rossland Road West, Oshawa**

TAKE NOTICE that on April 15, 2019, the Durham District School Board will hold a third public meeting. The purpose of this meeting is to consider the enactment of a successor education development charges by-law that will apply in Durham Region (excluding the Municipality of Clarington). Any person who attends the meeting may make representations to the Board in respect of this matter. Written submissions, filed in advance of the meeting, will also be considered.

The Board would appreciate receiving written submissions one week prior to the Public Meetings, so that they may be distributed to Trustees prior to the meetings. Submissions and requests to address the Board as a delegation should be submitted to:

Bob Camozzi, Superintendent of Education  
Durham Catholic District School Board  
650 Rossland Road West, Oshawa Ontario L1J 7C4  
Telephone: (905) 576-6150 email: [Robert.Camozzi@dcdsb.ca](mailto:Robert.Camozzi@dcdsb.ca)

John Rinella, Chair of the Board  
Durham Catholic District School Board  
Anne O'Brien, Director of Education  
Durham Catholic District School Board

## EDUCATION DEVELOPMENT CHARGE BY-LAWS IN THE PROVINCE OF ONTARIO

Board	Effective Date of By-law	By-law Term	Area to which By-law Applies	Type of Charge <sup>3</sup>	Res. Charge/ Unit	Non-Res. Charge/ Sq. Ft. of G.F.A.	% of Charge Attributed to Residential Development	% of Charge Attributed to Non-Residential Development
Algonquin & Lakeshore Catholic DSB	Oct-17	5 yrs	City of Kingston	A/S	\$254	\$0.00	100%	0%
Brant Haldimand Norfolk Catholic DSB	Oct-18	5 yrs	City of Brantford, County of Brant	A/S	\$912	\$0.00	100%	0%
				J/W/r				
Conseil des écoles publiques de l'Est de l'Ontario	Apr-14	5 yrs	City of Ottawa	J/W/r	\$423	\$0.22	85%	15%
Conseil des écoles publiques de l'Est de l'Ontario	Mar-15	5yrs	United Counties of Prescott and Russell	J/W/r	\$444	\$0.00	100%	0%
Conseil des écoles catholiques du Centre-Est <sup>1</sup>	Jan-16	5 yrs	City of Ottawa	J/W/r	\$718	\$0.53	20%	80%
Dufferin-Peel Catholic DSB	Jun-14	5 yrs	Peel Region	J/W/r	\$1,343	\$0.56	75%	25%
Durham Catholic DSB	May-14	5 yrs	Durham Region (excl. Clarington)	J/W	\$786	\$0.00	100%	0%
Durham DSB	May-14	5 yrs	Durham Region (excl. Clarington)	J/W	\$1,949	\$0.00	100%	0%
Greater Essex County DSB	May-14	5 yrs	City of Windsor	J/W/r	\$305	\$0.00	100%	0%
Greater Essex County DSB	May-14	5 yrs	County of Essex and the Township of Pelee	J/W/r	\$305	\$0.00	100%	0%
Halton Catholic DSB <sup>2</sup>	Jul-18	1 yr	Halton Region	J/W	\$2,269	\$0.58	85%	15%
Halton DSB <sup>2</sup>	Jul-18	1 yr	Halton Region	J/W	\$4,364	\$1.11	85%	15%
Hamilton-Wentworth Catholic DSB	Aug-14	5 yrs	City of Hamilton	J/W	\$885	\$0.34	85%	15%
Hamilton-Wentworth DSB	Aug-14	5 yrs	City of Hamilton	J/W	\$1,039	\$0.39	85%	15%
Kawartha Pine Ridge DSB	Jul-15	5 yrs	Clarington	A/S	\$1,028	\$0.24	90%	10%
Niagara Catholic DSB	Jun-15	5 yrs	fmr Lincoln County	J/W/r	\$1,860	\$0.00	100%	0%
Niagara Catholic DSB	Jun-15	5 yrs	fmr Welland County	J/W/r	\$172	\$0.00	100%	0%
Ottawa Catholic SB	Apr-14	5 yrs	City of Ottawa	J/W	\$466	\$0.34	80%	20%
Ottawa-Carleton DSB	Apr-14	5 yrs	City of Ottawa	J/W	\$723	\$0.52	80%	20%
Peel DSB	Jun-14	5 yrs	Peel Region	J/W	\$3,224	\$0.45	90%	10%
Peterborough, Victoria, Northumberland & Clarington Catholic DSB	Jul-15	5 yrs	Clarington	A/S	\$710	\$0.16	90%	10%
Simcoe Muskoka Catholic DSB	Oct-18	5 yrs	Simcoe County	J/W/r	\$448	\$0.12	90%	10%
Simcoe County DSB	Oct-18	5 yrs	Simcoe County	J/W	\$1,311	\$0.35	90%	10%
Toronto Catholic DSB <sup>2</sup>	Nov-18	1 yr	City of Toronto	J/W (with exempt areas)	\$1,493	\$1.07	75%	25%
Upper Grand DSB	Aug-14	5 yrs	Dufferin County	J/W/r	\$832	\$0.00	100%	0%
Upper Grand DSB	Aug-14	5 yrs	Wellington County	J/W/r	\$1,567	\$0.00	100%	0%
Waterloo Catholic DSB	Jun-16	5 yrs	Regional Municipality of Waterloo	J/W	\$653	\$0.32	80%	20%
Waterloo Region DSB	Jun-16	5 yrs	Regional Municipality of Waterloo	J/W	\$1,948	\$1.41	80%	20%
Wellington Catholic DSB	Aug-14	5 yrs	Wellington County	J/W	\$317	\$0.00	100%	0%
York Catholic DSB	Jul-14	5 yrs	York Region	J/W	\$991	\$0.17	90%	10%
York Region DSB <sup>1</sup>	Jul-14	5 yrs	York Region	J/W	\$5,416	\$0.90	90%	10%

<sup>1</sup> Amended Rates

- Conseil des écoles catholiques du Centre-Est - February 28, 2016 and York Region DSB - March 1, 2017

<sup>2</sup> Interim By-laws

- Halton DSB, HCDSB, TCDSB, BHNCDSB, SMCDSB and SCDSB

Updated December 2018

<sup>3</sup> A/S = Area Specific; J/W = Jurisdiction-wide; r = regional EDC rate

## 1.4 Legislative Requirements to Adopt a New EDC By-law

Section 257.54 of the *Education Act* states that “if there is residential development in the area of the jurisdiction of a board that would increase education land costs, the board may pass by-laws for the imposition of education development charges against land in its area of jurisdiction undergoing residential or non-residential development.”

In addition, section 257.61 requires that “before passing an education development charge by-law, the board shall complete an education development charge background study.”

Section 257.62 stipulates that “an education development charge by-law may only be passed within the one-year period following the completion of the education development charge background study.”

Section 10 of O. Reg 20/98 sets out “conditions that must be satisfied in order for a board to pass an education development charge by-law.” These conditions are:

1. The Minister has approved the Board’s estimates of the total number of elementary and secondary pupils over each of the fifteen years of the forecast period.
2. The Minister has approved the Board’s estimates of the number of elementary and secondary school sites used by the Board to determine the net education land costs.
3. The Board has given a copy of the education development charge background study relating to the by-law (this report) to the Minister and each Board having jurisdiction within the area to which the by-law would apply.
4. The Board meets at least one of the following conditions:
  - Either the estimated average elementary or secondary enrolment over the five-year by-law period exceeds the respective total capacity that, in the Board’s opinion is available to accommodate pupils, throughout the jurisdiction, on the day that the by-law is passed, or
  - At the time of expiry of the Board’s last EDC by-law that applies to all or part of the area in which the charges would be imposed, the balance in the EDC account is less than the amount required to pay outstanding commitments to meet growth-related net education land costs, as calculated for the purposes of determining the EDCs imposed under that by-law.

The DCDSB is eligible to adopt a successor EDC by-law given that the Board will have both elementary and secondary enrolment in excess of capacity over the term of the proposed by-law, as well as a deficit in the EDC account as of the day before the proposed new by-law is implemented, is demonstrated in the following section.

## 1.5 Eligibility to Impose Education Development Charges and Form A

Form A of the EDC Submission set out below, demonstrates that the head count enrolment (i.e., includes full day kindergarten) over the proposed 5-year term of the EDC by-law (2019/2020 to 2023/2024), as measured in October and March of each academic year, is higher than the permanent capacity of the Board's existing inventory of school facilities, on the both the elementary and secondary panels. As a result, the DCDSB meets the legislative "trigger" based on having enrolment in excess of capacity on either the elementary or secondary panels.

It is noted, however, that the legislation allows the Board to utilize education development charges as a source of funding for additional site purchases due to enrolment growth on both panels (elementary and secondary), even if the Board meets the legislative "trigger" on only one panel.

There is a deficit balance in the DCDSB EDC account in the order of \$10.9 million.

For the DCDSB, the five year (2019/20 to 2023/24) average head count enrolment is 15,949 for the elementary panel and ADE average enrolment of 6,757 on the secondary panel. When these figures are compared to 14,908 permanent spaces in the Board's existing inventory of elementary facilities and 6,729 permanent spaces on the secondary panel, enrolment exceeds capacity on both panels. As such, the Board qualifies to adopt a successor by-law on the basis of enrolment in excess of capacity.

### DURHAM CATHOLIC DISTRICT SCHOOL BOARD Education Development Charges Submission 2019 Form A - Eligibility to Impose an EDC

#### A.1.1: CAPACITY TRIGGER CALCULATION - ELEMENTARY PANEL

Elementary Panel Board-Wide Capacity	Projected Elementary Panel Average Daily Enrolment Headcount						Elementary Average Projected Enrolment less Capacity
	Year 1 2019/ 2020	Year 2 2020/ 2021	Year 3 2021/ 2022	Year 4 2022/ 2023	Year 5 2023/ 2024	Average Projected Enrolment Over Five Years	
14,908	15,212	15,698	16,022	16,314	16,498	15,949	1,041

Board-wide Capacity reflects all Purpose-built Kindergarten rooms existing or approved for funding and loaded at 26 pupils per classroom

#### A.1.2: CAPACITY TRIGGER CALCULATION - SECONDARY PANEL

Secondary Panel Board-Wide Capacity	Projected Secondary Panel Average Daily Enrolment (ADE)						Secondary Average Projected Enrolment less Capacity
	Year 1 2019/ 2020	Year 2 2020/ 2021	Year 3 2021/ 2022	Year 4 2022/ 2023	Year 5 2023/ 2024	Average Projected Enrolment Over Five Years	
6,729	6,411	6,515	6,671	6,970	7,216	6,757	28

#### A.2: EDC FINANCIAL OBLIGATIONS (Estimated to April 30 2019)

Adjusted Outstanding Principal:	\$50,892,929
Less Adjusted EDC Account Balance:	\$39,953,583
<b>Total EDC Financial Obligations/Surplus:</b>	<b>-\$10,939,346</b>

## 1.6 Background Study Requirements

The following sets out the information that must be included in an education development charge background study and the appropriate chapter references from the enclosed report:

1. estimates of the anticipated amount, type and location of residential development for each year of the fifteen-year forecast period, as well as the anticipated non-residential forecast of gross floor area in the Region of Durham (except Clarington)- Chapter 4
2. the number of projected pupil places (Chapter 5) and the number of new sites and/or site development costs required to accommodate the projected pupil places. This may include school sites considered under a previous by-law but not yet acquired – Chapter 6
3. the number of existing pupil places available to accommodate the projected total number of new pupil places required in item #2 – Chapter 7 and Appendix A
4. for each school in the board’s inventory, the number of existing pupil places and the number of pupils who attend the school, including holding pupils returned to their resident area if they board intends to accommodate them in their resident area over the long term – Appendix A
5. for every existing elementary and secondary pupil place in the board’s jurisdiction that the board does not intend to use, an explanation as to why the board does not intend to do so – Chapter 7 (although this is no longer a legislative requirement)
6. estimates of the education land cost, the net education land cost, and the growth-related net education land costs required to provide the projected new pupil places in item #2, the location of the site needs, the acreage for new school sites, including the area that exceeds the maximum set out in section 2 of O. Reg. 20/98, and an explanation of whether the costs of the excess land are education land costs and if so, why - Chapter 6
7. the number of permanent pupil places the board estimates will be provided by the school to be built on the site and the number of those pupil places that the board estimates will be used to accommodate the new pupils in item #2 – Appendix A Form G summaries
8. a statement of the board’s policy concerning possible arrangements with municipalities, school boards or other persons or bodies in the public or private sector, including arrangements of a long-term or co-operative nature, which would provide accommodation for the new pupils in item #2, without imposing EDCs, or with a reduction in such charges; and a statement from the board indicating that it has reviewed its operating budget for savings that could be applied to reduce growth-related net education land costs, and the amount of any savings which it proposes to apply, if any – (although this is no longer a legislative requirement)

The DCDSB has developed assumptions in the calculations on which its EDC by-law will be based. The legislation stipulates that an education development charge by-law may only be passed within the one-year period following the completion of the education development charge background study. This report, dated March 8, 2019 will be considered for receipt by the Board, as part of the meeting on April 15, 2019, which will also consider by-law adoption.

Further, this report will be forwarded to the Minister of Education and each co-terminous board, as per the legislative requirements.

## 1.7 EDC Study Process

Figure 1-1 provides an overview of the education development charge process to be followed when a board considers the adoption of its second (and any subsequent) EDC by-law under the *Education Act*, including the policy review process. The overview reflects the process in place prior to the announcement of the legislative review.

Figure 1-1  
Overview of Education Development Charges Process and Proposed Timelines

PHASE ONE DETERMINING ELIGIBILITY	PHASE TWO ANALYSIS OF NGRELC <sup>1</sup>	PHASE THREE CONSIDERATION OF OTHER SOURCES TO MEET THE NEEDS	PHASE FOUR MINISTRY SUBMISSION	PHASE FIVE STAKEHOLDER CONSULTATION PROCESS	PHASE SIX BY-LAW ADOPTION & IMPLEMENTATION
A. Capacity Trigger Evaluation	A. 15-year Estimate of Amount, Type and Location of Residential Development and Non-Residential GFA Projections (net of statutory exemptions)	A. Board adopt Operating Surplus and Alternative Accommodation Policies & Statement of How Policies Implemented	A. Completion of Ministry Forms (EDC Submission)	A. Informal Public Consultation with Stakeholders	A. Liaison with Area Municipal Representatives re By-law Interpretation, Implementation & Collection Issues
B. EDC Account Analysis - determine sites proposed to be acquired & sites acquired, along with unfunded Net Education Land Costs	B. Prepare 15-year student enrolment projections - Existing Community Requirements plus Requirements of New Development	B. Determine Operating Budget Savings which could be Applied to Reduce the Charge, if any	B. Complete Background Study and Forward to Ministry, Co-terminous Boards & Stakeholders who have provided notification	B. Conduct Public Meeting (s) including Policy Review Public Meeting	B. Board Consideration of Public Input and Calculation Revisions as necessary
C. EDC Financial Obligations Evaluation	C. Review Area Analysis to Determine Schools Impacted by New Housing Development	C. Preparation & Public Distribution of Policy Review document	C. Ministry of Education Review & Approval Process (40 business days review period)	C. Review of Public Submissions	C. Additional Public Meeting at Discretion of Board
	D. Forecast of Net Growth-related Pupils and Determine # of Sites, Site Expansions and/or Site development Costs by Location				D. By-law Adoption
	E. Estimate Growth-related Net Education Land Costs (net of any surplus EDC account funds)				E. By-law Implementation
	F. Apportion Costs between Residential and Non-residential Development (Board policy decision)				F. Notice of By-law Passage & Appeal Date, Preparation of EDC Pamphlet

1. NGRELC - Net growth-related Education Land Costs

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## CHAPTER 2 - METHODOLOGICAL APPROACH

The following chapter outlines the methodology utilized to undertake the background analysis which underlies the proposed education development charge.

There are two distinct aspects to the model. The first is the planning component, which is comprised primarily of the dwelling unit projections over a fifteen-year period, the pupil yield analysis, the determination of the requirements of new development, enrolment projections for the existing community (i.e. in order to derive total enrolment needs over the forecast period), the determination of net growth-related pupil places by review area and the identification of additional site requirements due to growth. The second component, which is the financial component, encompasses the determination of the charge (undertaken in the form of a cashflow analysis), including identification of the site acquisition, site development and study costs, projected expenditure timing, determination of revenue sources and assessment of borrowing impact.

A description of each step in the calculation process is set out below.

### 2.1 Planning Component

**Step 1** - Determine the anticipated amount, type, and location of residential development over the 15-year period (i.e., building permits to be issued) and for which education development charges would be imposed during the mid-2019 to mid-2034 forecast period.

A forecast of new dwelling units in the area in which EDCs are to be imposed, over the 15-year forecast period, was derived giving consideration to:

- A review of the most recent forecasts of occupied dwellings underlying each area municipal development charges by-law as of July, 2018, and the Region of Durham (except Clarington) March 27, 2018 DC study forecast (Appendix A) for the mid-2019 to mid-2028 forecast period;
- Durham Regional Official Plan 2041 and Growth Plan for the GGH June 2013 prepared by Hemson Consulting Ltd. - Population and Employment Forecasts to 2041 as the basis for the mid-2028 to mid-2034 forecast period;
- Review of a draft 15-year EDC housing forecast during a May 17, 2018 meeting with area municipal and Regional representatives and background materials respecting development applications provided by attendees, along with consideration of additional comments provided by the City of Oshawa;
- A review of the change in occupied dwellings by Census Tract, and;
- Development phasing data provided by the Durham Catholic DSB;
- Historical housing completion data by area municipality.

A spatial matching of the DCDSB elementary and secondary school attendance boundaries against development applications specifying dwelling unit type and location was undertaken in order to determine how many additional pupils would be generated by additional new housing development.



Board-specific pupil yields were applied to the forecast of new residential units within each school catchment area to determine how new residential development would impact future enrolment.

The EDC 15-year housing forecast suggests that an additional 102,676 net new occupied dwelling units will be added to the existing housing stock in the Region of Durham (except Clarington) over the next fifteen years, at an average of 6,845 units per annum. Of the net additional dwelling units, approximately 36% are anticipated to be low density (single and semi-detached), 31% medium density (row houses, townhouses, etc.), and the remaining 33% high density apartment units and stacked towns. The EDC housing forecast is net of demolitions and statutory exemptions.

The forecast of non-residential development is based on the following background information:

- Region of Durham (except Clarington) March 27, 2018 Development Charges Report for the mid-2019 to mid-2028 forecast of employment and non-residential floor space forecast by sector (Table A-14);
- Interpolation of the 2021 to 2041 forecast of employment - 2041 Employment Forecast of 430,000 employees less Clarington (i.e. post mid-2028 non-res GFA based on 117 square metres industrial; 39 commercial and 63 institutional square metres per employee) with Seaton – Table A-15);
- A review of the 2015, 2016 and 2017 Development Activity Summary and Growth and Development Reviews of Industrial, Commercial and Institutional Market and Building Activities building permit data to determine what percentage of the industrial, commercial and institutional development would be statutorily-exempted from the payment of education development charges.

The projection of additional non-residential gross floor area (GFA) over the 15-year forecast period (61,320,251 million additional square feet of “net” gross floor area) is applied to the portion of the net education costs that the DCDSB intends to recover from non-residential development.

**Step 2-** The draft by-law structure is based on a jurisdiction-wide rather than an area-specific approach to the by-law structure. The policy reasons for this choice are outlined in Appendix C. The elementary and secondary review areas generally match the current attendance boundaries of each DCDSB school (except where students permanently attend programs outside of the Review Area). Review Area boundaries continue to consider the accommodation of pupils in their resident areas over the longer term, as well as man-made barriers including major arterial roads, railway crossings and industrial areas, municipal boundaries, travel distances within the Board’s transportation policies, program requirements, etc., consistent with long term capital priorities of the Board.

**Step 3-** Utilize the School Facilities Inventory information to determine the Ministry-approved OTG (On-the-Ground) capacities and the number of portables and portapaks (temporary space) for each existing elementary and secondary facility. Adjust the OTG capacity for pupil spaces to account for any changes to school capacity as result of community partnerships, child care initiatives, etc., and approved by the Ministry of Education as reductions to the SFIS OTG capacity.

**Steps 4 through 6** - Determine the Board’s projections of enrolment, by school, by grade, by program over the fifteen-year forecast period. Enrolment projections that distinguish the pupil requirements of the existing community (elementary to secondary retention, the number of future Kindergarten subscriptions, and the by-grade advancement of the existing student population) from the pupil requirements of new development (the number of pupils anticipated to be generated by new development within the Board’s jurisdiction and over the next 15 years) were prepared by the consultants and reviewed by Board Planning staff. Finally, the enrolment analyses assume that any pupils temporarily accommodated outside of their resident attendance area in anticipation of the construction of new school capacity are returned to their resident area and form part of the growth-related accommodation needs where consistent with long term capital priorities.

**Steps 7 and 9** - Determine the number of pupil places “available” to accommodate enrolment growth resulting from the construction of new housing development. The Board is entitled to exclude any available pupil places that in the opinion of the Board, could not reasonably be used to accommodate enrolment growth. Schools within each Review Area are distinguished between those that have and will be impacted by the future construction of additional homes within their attendance boundaries, from those that are not. The determination of 15-year growth-related needs aligns with the Board’s longer-term student accommodation needs as well as Capital Priority funding requirements.

Subtract any available and surplus pupil places in existing facilities from Year 15 total enrolment, to determine the net growth-related pupil place requirements. Determine net growth-related pupil places by review area and within each review area in accordance with the timing and location of growth.

**Step 8** - Complete Form A of the EDC Submission to determine eligibility to impose education development charges. This involves a detailed analysis of the EDC account and the need to provide a transaction history in accordance with the legislation, as well as the need to project the balance in the account as of the day prior to implementation of the successor EDC by-law.

**Step 10** - Determine the number of additional school sites and/or site development costs required to meet the net growth-related pupil place needs and the timing of proposed expenditures. Where the needs can be met through additions to existing facilities and where no additional land component is required, no sites are identified. However, in the latter circumstances, there may be site development costs incurred in order to accommodate enrolment growth. These costs will be included in the determination of “growth-related net education land costs” where appropriate. In addition, the Board may acquire lands adjacent to existing school sites in order to accommodate enrolment growth. Finally, the acquisition of lands may be part of redevelopment strategies or may involve the acquisition of lands declared ‘surplus’ by co-terminous school boards, and may require replacement of outdated infrastructure if required by the municipality as part of site plan approval.

Where there are transitional growth-related costs – that is: the new school or addition has not been constructed as yet, but the Board has previously expended site acquisition and/or site preparation costs from the EDC account, there is a need to reduce the future net education land costs by the amount previously funded, in order to avoid any double counting.

**Step 11** - Determine the additional sites or acreage required and the basis upon which the DCDSB can acquire the lands.

## 2.2 Financial Component:

**Step 1** - Identify the land acquisition costs (on a per acre basis) in 2019 dollars in accordance with the land valuations outlined in the appraisal report. Where purchase and sale agreements have been finalized, incorporate the agreed-upon price.

**Step 2** - Identify site development, site preparation and applicable study costs specified under 257.53(2) of the *Education Act*.

**Step 3** - Apply an appropriate indexation factor to site preparation/development costs to recognize increased labour and material costs over the 15-year forecast period. Apply an appropriate land escalation factor to site acquisition costs, over the term of the by-law (i.e. 5 years).

**Step 4** - Determine what amounts, if any, should be applied to reduce the charge as a result of the following:

1. The Board's policy on alternative accommodation arrangements;
2. The Board's policy on applying any operating budget surplus to reduce net education land costs (although these two policies are no longer required under O. Reg.438/18);
3. Any surplus funds in the existing EDC account which should be applied to reduce the charge.

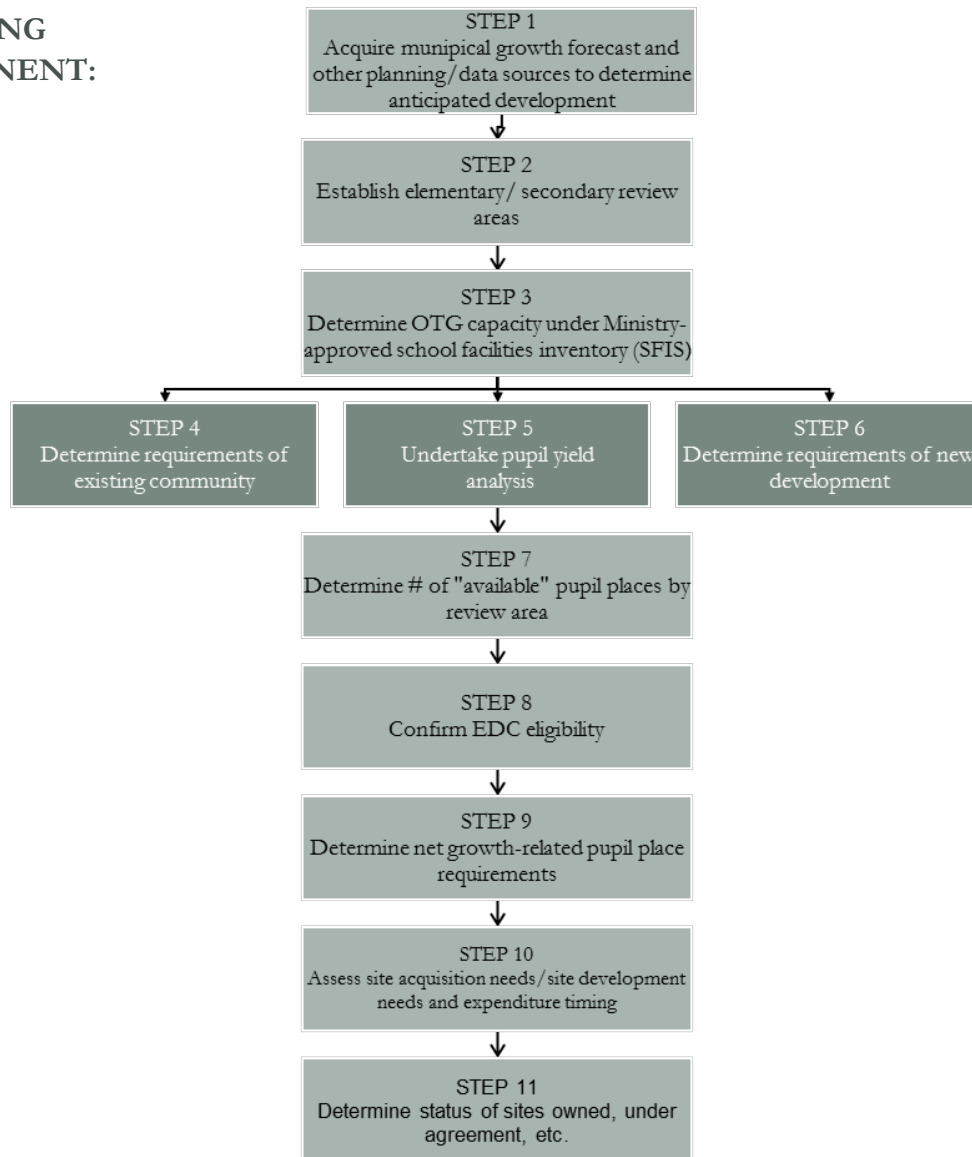
Or determine if there is a negative balance in the account that needs to be applied to the EDC rates derived for the following by-law period.

**Step 5** - Determine the quantum of the charge (both residential and non-residential if the Board intends to have a non-residential charge), considering borrowing impact (particularly where there is a significant deficit EDC account balance) and EDC account interest earnings by undertaking a cashflow analysis of the expenditure program over the 15-year forecast period. The cashflow analysis is consistent with a line of credit repayment approach, specifying the interest rate to be paid and the payback period.

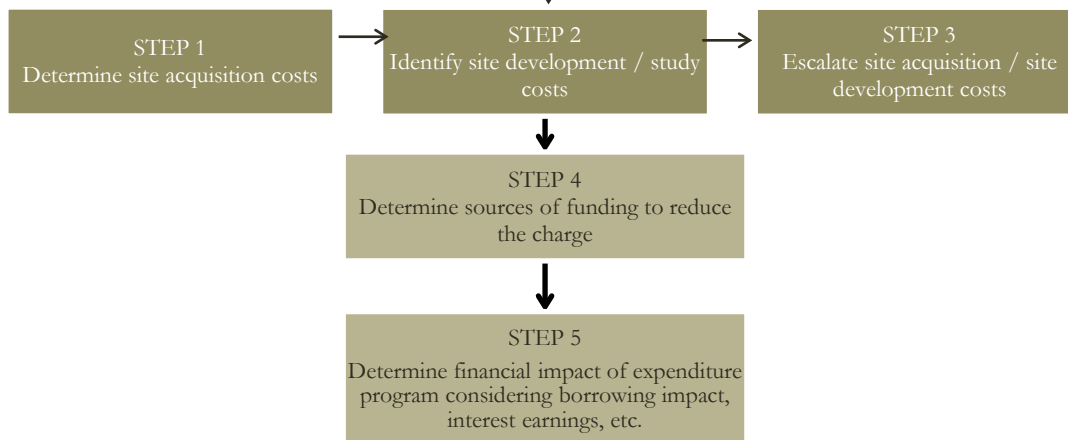
FIGURE 2-1

EDC METHODOLOGICAL APPROACH

PLANNING COMPONENT:



FINANCIAL



<sup>1</sup>Step 7 - Available pupil places, that, in the opinion of the Board, could reasonably be used to accommodate growth (section 7.3 of O. Reg 20/98 as amended)

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## CHAPTER 3 - JURISDICTION OF THE BOARD

### 3.1 Legislative Provisions

Section 257.54(4) of the *Education Act* states that “an education development charge by-law may apply to the entire area of the jurisdiction of a board or only part of it.”

Despite this, “an education development charge by-law of the board shall not apply with respect to land in more than one region” if the regulations divide the area of the jurisdiction of the board into prescribed regions.

Finally, “education development charges collected under an education development charge by-law that applies to land in a region shall not, except with the prior written approval of the Minister, be used in relation to land that is outside that region” and “money from an EDC account established under section 16(1) of O. Reg. 20/98 may be used only for growth-related net education land costs attributed to or resulting from development in the area to which the EDC by-law applies” (as amended by O. Reg. 193/10).

The determination of proposed EDC rates found within this report is based on a singular jurisdiction-wide by-law charging structure. Should the Board wish to consider area-specific EDC rates, a new background study, Ministry approval process and public consultation process would be required.

Maps 3-1 and 3-2 found at the end of this chapter, outline the geographic jurisdiction analyzed in this EDC Background report and the elementary and secondary Review Areas used to determine growth-related education land costs.

### 3.2 Analysis of Pupil Accommodation Needs by “Review Area”

In order to attribute the number of pupil places that would be “available and accessible” to new development, within the areas in which development occurs, the Board’s jurisdiction has been divided into sub-areas, referred to in the EDC submission as “Review Areas.” Within each Review Area, schools are distinguished between those that have been, and will be impacted by new housing development requiring the construction of additional pupil places and those that are not. This distinction reflects school boards’ intention to accommodate students within their resident area over the longer term, where appropriate. The separation of growth versus non-growth is also consistent with the way in which municipal development charge growth-related infrastructure projects are defined. For example, surplus capacity at one library branch does not negate the need for additional library branches where new population growth warrants an expansion of library services in a new development area.

The total OTG capacity of all existing permanent accommodation is considered to be the total available capacity of the Board for instructional purposes and required to meet the needs of the existing community, as a first priority. Subsequently, the school board is entitled to recognize and

remove any capacity that is not available to be used to accommodate growth-related pupils, provided that an explanation is given for the exclusion (although this is no longer a legislative requirement). As such, the use of permanent accommodation spaces within a review area is based on the following parameters:

1. The needs of the existing community (at the end of the 15-year forecast period) must take priority over the needs resulting from new development in the construction of additional pupil places.
2. Pupils generated from new development for the schools impacted by new housing construction fill any surplus available OTG capacity within their resident catchment area, where appropriate.
3. Pupils generated from new development within the review area must take priority over the “holding” accommodation needs of other review areas.

The remaining pupil spaces required as a result of new development within the review area, or net growth-related pupil place requirements, are to be potentially funded through education development charges.

The review area concept within education development charges is based on the premise that pupils should, in the longer term, be able to be accommodated in permanent facilities within their resident area; therefore, any existing available capacity anywhere within the jurisdiction, or within the broader Review Area is not necessarily the most cost-effective long-term solution to accommodating pupils generated by the construction of new homes. For the purposes of the calculation of education development charges described in this report, pupils of the Board who currently attend school facilities outside of their resident area, have been transferred back if the holding situation is considered to be temporary in nature. Further these holding pupils may make up a portion of the growth-related site needs if they are as a result of new homes constructed and the identification of future school site needs as part of a predecessor EDC by-law, consistent with the EDC Guidelines.

There are four important principles to which the consultants have adhered to in undertaking the EDC calculation on a review area basis:

1. Capacity required to accommodate pupils from existing development should not be utilized to provide “temporary” or “holding” capacity for new development over the longer term; and
2. Pupils generated by new development should not exacerbate a board’s current accommodation problems (i.e., an increasing portion of the student population being housed in portables for longer periods of time); and
3. Board transportation costs should be minimized; and
4. Determining where housing development has occurred, or is, expected to occur, and the specific school enrolments affected by this residential development.

The rationale for the review area boundaries for the elementary and secondary panels of the Board also gives consideration to the following criteria:

1. A desire by the Board to align feeder school patterns as students move from Kindergarten to elementary and secondary programs;
2. Current Board-approved school attendance boundaries;
3. Travel distances to schools consistent with the Board’s transportation policies;
4. Former municipal boundaries;
5. Manmade or natural barriers (e.g. existing or proposed major arterial roadways, expressways such as Highway 401 and Highway 407, railway crossings, industrial areas, river valleys, major environmental lands, etc.);
6. Distance to neighbouring schools.

Secondary review areas are normally larger in size than elementary review areas due to the former having larger school facilities and longer transportation distances. Typically, a cluster of elementary schools are “feeder” schools for a single secondary facility.

For the purpose of the jurisdiction-wide approach to calculating education development charges, the Durham Catholic District School Board has 9 elementary review areas and 3 secondary review areas as listed in Table 3-1, and as shown on Maps 3-1 and 3-2, at the end of the chapter.

Each review area has been further subdivided in order to determine the net growth-related pupil place need. The Board could have split the 2014 EDC Review Areas to create additional Review Areas, however, this would have had the same effect in terms of assessing EDC growth-related site needs. The detailed development application database enables the Board to specify which existing and proposed school sites will be impacted by new housing development. The determination of net growth-related pupil place needs is therefore concentrated on the school sites where additional site acquisition and/or site development costs would be required to accommodate enrolment growth, and for which Board staff have identified an accommodation need.

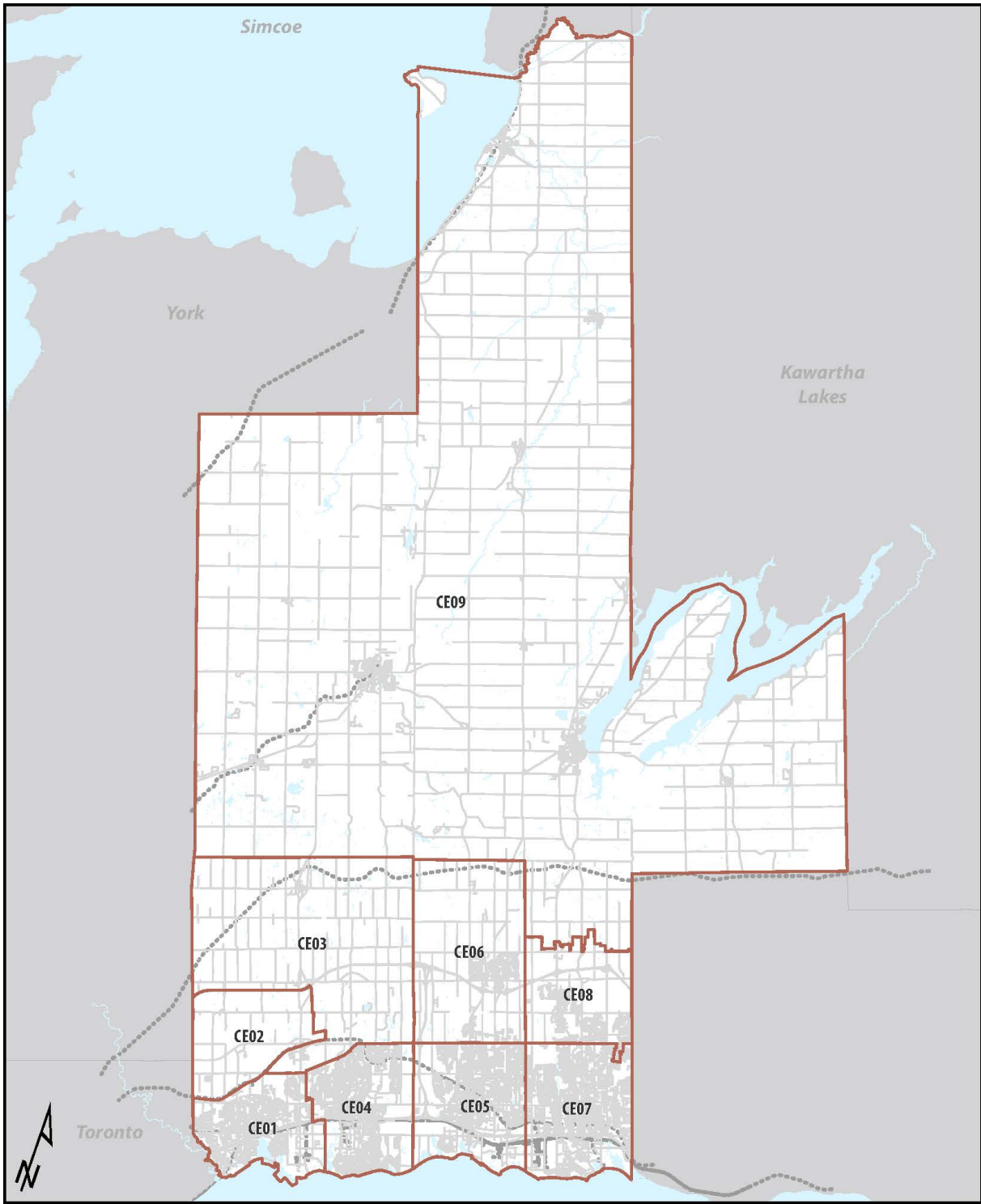
It is noted that undertaking the determination of additional site requirements using a review area and a sub review-area approach is consistent with the way in which future capital construction needs for the Board will be assessed over the long term.



**Table 3-1: DCDSB Elementary and Secondary Review Areas**

<b>ELEMENTARY REVIEW AREAS</b>		<b>SECONDARY REVIEW AREAS</b>	
1	CE01 - Pickering South	1	CS01 - South of Taunton Rd.
2	CE02 - Pickering Seaton	2	CS02 - North of Taunton Rd.
3	CE03 - Pickering Northeast	3	CS03 - Seaton & North Pickering
4	CE04 - Ajax		
5	CE05 - Whitby South & Central		
6	CE06 - Whitby North & Brooklin		
7	CE07 - Oshawa South & Central		
8	CE08 - Oshawa North		
9	CE09 - Brock, Saugog & Uxbridge		

Elementary and secondary overview maps are provided on the following two pages.

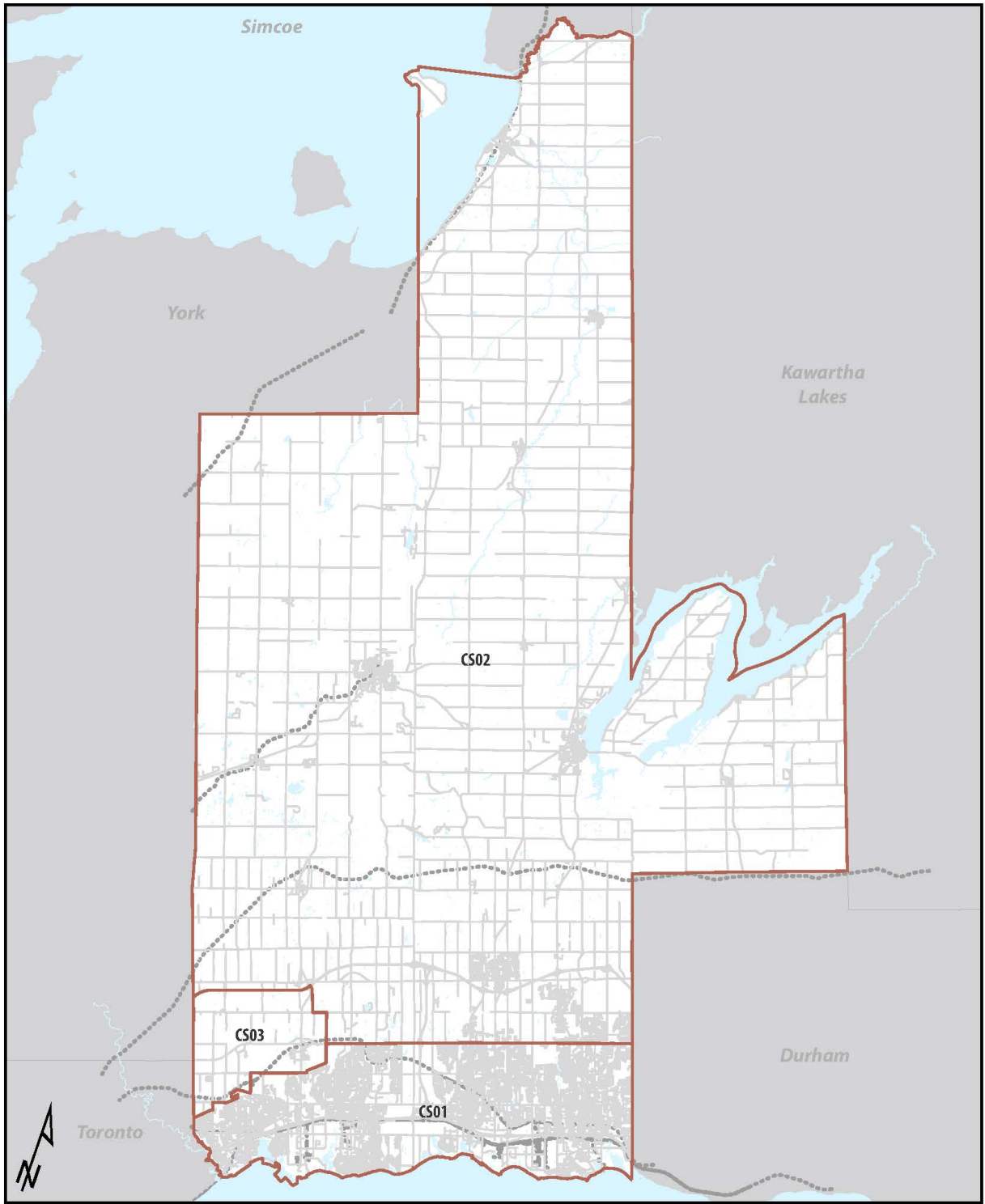


**Durham Catholic District School Board: Education Development Charges Background Study 2019**

**Elementary Review Areas**

— Streets    - - - - Rails     Elementary RA Boundaries

Map 3-1: Durham Catholic District School Board **Elementary** Review Areas



**Durham Catholic District School Board: Education Development Charges Background Study 2019**

**Secondary Review Areas**



Map 3-2: Durham Catholic District School Board **Secondary** Review Areas

## CHAPTER 4 - RESIDENTIAL/NON-RESIDENTIAL GROWTH FORECAST

### 4.1 Background

This section of the report deals with the 15-year forecast of residential and non-residential development for the mid-2019 to mid-2034 forecast period. The legislative requirements respecting EDC growth forecasts cite the need to identify the anticipated timing, location, and type of residential development, which are critical components of the overall EDC process due to the inextricable link between new units and new pupil places. The location of development is particularly important to the determination of additional growth-related site needs. Therefore, every effort was made to consider the most recent residential and non-residential forecast information available.

The consultants compiled a draft 15-year EDC forecast of net new units and subsequently consulted with the Region and area municipalities in refining the forecasts. While DC growth forecasts are focused on municipal-wide development potential and growth-related municipal infrastructure needs generated by residential and non-residential development, the EDC housing forecast takes into consideration the impact on future student accommodation needs at a school-by-school level. As such, a detailed annual forecast of occupied dwelling units was undertaken by DCDSB school and by density type, utilizing development pipeline data supplied by the DCDSB, as well as other Durham forecasting reports of population, housing and employment projections at a macro level.

While the EDC legislation requires that the by-law rates be based on a 15-year forecast of building permits to which EDC charges would apply, the detailed housing forecast is also designed to address how net migration, re-gentrification due to aging population, shifts in perspectives on density choices and housing space needs, along with government housing policies and affordability, will affect housing occupancy over the longer term. While the EDC forecast of occupied dwelling units is based on units for which building permits will be issued once the by-law is implemented, the determination of longer-term accommodation needs is based on the construction and occupancy of those units, and the lag between building permit issuance and housing occupancy grows when it involves land redevelopment and intensified land uses.

A forecast of new dwelling units in the area in which EDCs are to be imposed, over the 15-year forecast period, were derived giving consideration to:

- 1) A review of the most recent forecasts of occupied dwellings underlying each area municipal development charges by-law as of July, 2018, and the Region of Durham (except Clarington) March 27, 2018 DC study forecast (Appendix A) for the mid-2019 to mid-2028 forecast period;
- 2) Durham Regional Official Plan 2041 and Growth Plan for the GGH June 2013 prepared by Hemson Consulting Ltd. - Population and Employment Forecasts to 2041 as the basis for the mid-2028 to mid-2034 forecast period;

- 3) Review of a draft 15-year EDC housing forecast during a May 17, 2018 meeting with area municipal and Regional representatives and background materials respecting development applications provided by attendees, along with consideration of additional comments provided by the City of Oshawa;
- 4) A review of the change in occupied dwellings by Census Tract, and;
- 5) Development phasing data provided by the Durham Catholic DSB;
- 6) Historical housing completion data by area municipality.

A spatial matching of the DCDSB elementary and secondary school attendance boundaries against development applications specifying dwelling unit type and location was undertaken in order to determine how many additional pupils would be generated by new housing development. Board-specific pupil yields were applied to the forecast of new residential units within each school catchment area to determine how new residential development would impact future enrolment.

#### **4.1.1 Refining the Forecast of Net New Units**

A draft dwelling unit forecast covering the period mid-2019 through mid-2034 was prepared utilizing the most recent DC forecast of occupied dwellings for each of area municipality and comparing these forecasts re timing and density assumptions to the Region of Durham (except Clarington)'s March 27, 2018 DC forecast.

The draft dwelling unit forecast was shared with representatives for the Region of Durham and area municipalities (except Clarington) during a May 17, 2018 meeting. Subsequently, comments were provided by the City of Oshawa.

The EDC 15-year housing forecast suggests that an additional 102,676 net new occupied dwelling units will be added to the existing housing stock in the Region of Durham (except Clarington) over the next fifteen years, at an average of 6,845 units per annum. Of the net additional dwelling units, approximately 36% are anticipated to be low density (single and semi-detached), 31% medium density (row houses, townhouses, etc.), and the remaining 33% high density apartment units and stacked towns. The EDC housing forecast is net of demolitions and statutory exemptions.

In order to determine the location, type and timing of units, a detailed housing forecast by school was created utilizing the development applications data being tracked by the Durham boards. Minor adjustments to the timing and density mix were required to match the Durham overview forecast and sub totals by municipality and by density type. A spatial matching of the adjusted development data to the attendance boundaries of each DCDSB and DCDSB school enabled the consultants to determine the extent to which any particular school would be impacted by future housing development over the mid-2019 to mid-2034 forecast period.

#### 4.1.2 Forecast of Non-residential Gross Floor Area

The forecast of non-residential development is based on the following background information:

- Region of Durham (except Clarington) March 27, 2018 Development Charges Report for the mid-2019 to mid-2028 forecast of employment and non-residential floor space forecast by sector (Table A-14);
- Interpolation of the 2021 to 2041 forecast of employment - 2041 Employment Forecast of 430,000 employees less Clarington (i.e. post mid-2028 non-res GFA based on 117 square metres industrial; 39 commercial and 63 institutional square metres per employee) with Seaton – Table A-15);
- A review of the 2015, 2016 and 2017 Development Activity Summary and Growth and Development Reviews of Industrial, Commercial and Institutional Market and Building Activities building permit data to determine what percentage of the industrial, commercial and institutional development would be statutorily-exempted from the payment of education development charges.

The projection of additional non-residential gross floor area (GFA) over the 15-year forecast period (61,320,251 million additional square feet of “net” gross floor area) is applied to the portion of the net education costs that the DCDSB intends to recover from non-residential development.

#### 4.2 Legislative Requirements

As the legislation permits school boards to collect education development charges on both residential and non-residential development, both must be considered as part of the growth forecast as follows:

“An EDC background study shall include estimates of the anticipated amount, type and location of residential and non-residential development.”; (Section 257.61(2) of the *Education Act*)

“Estimate the number of new dwelling units in the area in which the charges are to be imposed for each of the 15 years immediately following the day the by-law comes into force.”; (O. Reg 20/98), Section 7(2)

“If charges are to be imposed on non-residential development, the board shall determine the charges and the charges shall be expressed as either:

(a) a rate applied to the gross floor area (GFA) of the development;

(b) a rate applied to the declared value of development.” (O. Reg. 20/98), Section 7(10)

“If the board intends to impose different charges on different types of residential development, the board shall determine the percentage of the growth-related net education land cost to be funded by charges on residential development, and that is to be funded by each type of residential development.” (O. Reg. 20/98), Section 9.1

“The Board shall choose the percentage of the growth-related net education land costs that is to be funded by charges on residential development and the percentage, if any, that is to be funded by the charges on non-residential development. The percentage that is to be funded by non-residential development shall not exceed 40 percent.” (O. Reg. 20/98), Section 7(8))

The EDC Guidelines state that “boards are encouraged to ensure that projections for growth are consistent with that of municipalities.”

### 4.3 Residential Growth Forecast and Forms B and C

#### 4.3.1 Historical Building Completions

The CMHC Housing Now (Starts and Completions Survey) January – December housing completions data indicates that almost 19,000 residential units have been completed in the Region of Durham (except Clarington) since 2009, or an average of 2,109 annually. Approximately 61% of the units were single and semi-detached; 24% were multiples including townhomes and apartments in duplexes; and 15% apartments.

**Table 4-1**  
**Region of Durham (except Clarington)**

Historical Housing Unit Completions by Density Type

Average for Years	Single & Semi Detached	Multiples <sup>1</sup>	Apartments <sup>2</sup>	Total
2009	1,350	549	134	2,033
2010	1,681	459	-	2,140
2011	1,400	520	46	1,966
2012	1,666	628	281	2,575
2013	1,427	498	191	2,116
2014	1,223	414	212	1,849
2015	1,336	440	80	1,856
2016	1,144	377	236	1,757
2017	1,110	725	855	2,690
<b>Total Units</b>	<b>12,337</b>	<b>4,610</b>	<b>2,035</b>	<b>18,982</b>
<b>% of Total Units</b>	<b>65.0%</b>	<b>24.3%</b>	<b>10.7%</b>	<b>100.0%</b>
<b>Annual Average</b>	<b>1,371</b>	<b>512</b>	<b>226</b>	<b>2,109</b>
<b>5-year Average</b>	<b>1,248</b>	<b>491</b>	<b>315</b>	<b>2,054</b>
<b>% of Total Units</b>	<b>60.8%</b>	<b>23.9%</b>	<b>15.3%</b>	<b>100.0%</b>

*Notes: 1. Includes townhomes and apartments in duplexes*

*2. Includes bachelor, 1 bedroom and 2 plus bedroom apartments*

**TABLE 4-2**  
**DURHAM CATHOLIC DISTRICT SCHOOL BOARD**  
**Education Development Charges Submission 2019**  
**Forms B/C - Dwelling Unit Summary**  
**PROJECTION OF NET NEW DWELLING UNITS <sup>1</sup>**

	Year 1 2019/ 2020	Year 2 2020/ 2021	Year 3 2021/ 2022	Year 4 2022/ 2023	Year 5 2023/ 2024	Year 6 2024/ 2025	Year 7 2025/ 2026	Year 8 2026/ 2027	Year 9 2027/ 2028	Year 10 2028/ 2029	Year 11 2029/ 2030	Year 12 2030/ 2031	Year 13 2031/ 2032	Year 14 2032/ 2033	Year 15 2033/ 2034	Total All Units
<b>Durham Boards Jurisdiction</b>																
Single & Semi-detached	2,548	3,167	3,117	2,785	2,536	2,261	2,082	2,744	2,458	2,417	2,337	2,447	2,356	2,347	1,634	37,236
Multiples	2,644	2,774	2,365	2,018	1,796	1,834	1,945	2,091	2,057	2,140	2,060	2,491	2,080	1,984	1,638	31,917
Apartments	1,267	1,965	1,982	3,496	2,652	1,724	2,190	3,658	2,742	2,512	2,390	2,466	1,836	1,594	1,049	33,523
<b>Total</b>	<b>6,459</b>	<b>7,906</b>	<b>7,464</b>	<b>8,299</b>	<b>6,984</b>	<b>5,819</b>	<b>6,217</b>	<b>8,493</b>	<b>7,257</b>	<b>7,069</b>	<b>6,787</b>	<b>7,404</b>	<b>6,272</b>	<b>5,925</b>	<b>4,321</b>	<b>102,676</b>
<b>CE01 - Pickering South</b>																
Single & Semi-detached	78	36	33	2	15	16	2	4	1	7	-	-	-	-	-	194
Multiples	536	433	358	329	298	284	96	38	-	-	-	258	-	-	-	2,630
Apartments	214	549	393	863	702	625	52	609	609	520	525	357	360	-	-	6,378
<b>Total</b>	<b>828</b>	<b>1,018</b>	<b>784</b>	<b>1,194</b>	<b>1,015</b>	<b>925</b>	<b>150</b>	<b>651</b>	<b>610</b>	<b>527</b>	<b>525</b>	<b>615</b>	<b>360</b>	<b>-</b>	<b>-</b>	<b>9,202</b>
<b>CE02 - Pickering Seaton</b>																
Single & Semi-detached	522	631	634	620	553	504	568	535	493	445	421	313	315	215	190	6,959
Multiples	275	575	549	561	534	508	916	909	908	884	884	751	602	516	382	9,754
Apartments	-	-	-	72	72	-	908	926	557	549	849	614	583	423	381	5,934
<b>Total</b>	<b>797</b>	<b>1,206</b>	<b>1,183</b>	<b>1,253</b>	<b>1,159</b>	<b>1,012</b>	<b>2,392</b>	<b>2,370</b>	<b>1,958</b>	<b>1,878</b>	<b>2,154</b>	<b>1,678</b>	<b>1,500</b>	<b>1,154</b>	<b>953</b>	<b>22,647</b>
<b>CE03 - Pickering Northeast</b>																
Single & Semi-detached	-	35	20	9	-	-	-	-	-	-	96	202	275	206	203	1,046
Multiples	-	-	-	-	-	-	-	-	-	-	-	344	454	605	605	2,008
Apartments	-	-	-	-	-	-	-	-	-	-	-	-	-	260	260	520
<b>Total</b>	<b>-</b>	<b>35</b>	<b>20</b>	<b>9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>96</b>	<b>546</b>	<b>729</b>	<b>1,071</b>	<b>1,068</b>	<b>3,574</b>
<b>CE04 - Ajax</b>																
Single & Semi-detached	320	241	278	113	-	-	-	-	-	58	57	57	57	57	57	1,295
Multiples	503	300	114	88	88	92	76	78	-	18	18	18	18	18	18	1,447
Apartments	493	903	944	425	452	289	-	-	-	-	-	-	-	140	170	3,816
<b>Total</b>	<b>1,316</b>	<b>1,444</b>	<b>1,336</b>	<b>626</b>	<b>540</b>	<b>381</b>	<b>76</b>	<b>78</b>	<b>-</b>	<b>76</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>215</b>	<b>245</b>	<b>6,558</b>
<b>CE05 - Whitby South &amp; Central</b>																
Single & Semi-detached	537	694	683	541	522	385	285	221	251	30	30	30	30	30	23	4,292
Multiples	517	586	574	330	317	303	216	145	227	125	66	63	-	-	-	3,469
Apartments	18	59	415	1,291	677	377	982	906	480	646	370	647	-	276	78	7,222
<b>Total</b>	<b>1,072</b>	<b>1,339</b>	<b>1,672</b>	<b>2,162</b>	<b>1,516</b>	<b>1,065</b>	<b>1,483</b>	<b>1,272</b>	<b>958</b>	<b>801</b>	<b>466</b>	<b>740</b>	<b>30</b>	<b>306</b>	<b>101</b>	<b>14,983</b>
<b>CE06 - Whitby North &amp; Brooklin</b>																
Single & Semi-detached	562	644	644	658	659	589	589	1,232	1,107	1,306	1,129	1,307	1,107	1,331	791	13,655
Multiples	102	181	181	181	181	308	303	685	685	786	811	811	811	692	562	7,280
Apartments	-	32	32	240	-	-	-	330	331	58	118	94	76	100	118	1,529
<b>Total</b>	<b>664</b>	<b>857</b>	<b>857</b>	<b>1,079</b>	<b>840</b>	<b>897</b>	<b>892</b>	<b>2,247</b>	<b>2,123</b>	<b>2,150</b>	<b>2,058</b>	<b>2,212</b>	<b>1,994</b>	<b>2,123</b>	<b>1,471</b>	<b>22,464</b>
<b>CE07 - Oshawa South &amp; Central</b>																
Single & Semi-detached	80	95	87	91	70	67	18	18	18	18	-	-	-	-	-	562
Multiples	141	186	235	136	57	17	-	-	-	-	-	-	-	-	-	772
Apartments	239	-	-	213	237	85	88	447	357	546	357	357	360	-	-	3,286
<b>Total</b>	<b>460</b>	<b>281</b>	<b>322</b>	<b>440</b>	<b>364</b>	<b>169</b>	<b>106</b>	<b>465</b>	<b>375</b>	<b>564</b>	<b>357</b>	<b>357</b>	<b>360</b>	<b>-</b>	<b>-</b>	<b>4,620</b>
<b>CE08 - Oshawa North</b>																
Single & Semi-detached	242	328	335	393	436	547	429	545	414	425	445	368	397	331	191	5,826
Multiples	449	443	282	318	262	275	300	195	195	263	221	175	126	82	-	3,586
Apartments	167	357	183	296	491	251	75	355	352	84	102	328	328	340	-	3,709
<b>Total</b>	<b>858</b>	<b>1,128</b>	<b>800</b>	<b>1,007</b>	<b>1,189</b>	<b>1,073</b>	<b>804</b>	<b>1,095</b>	<b>961</b>	<b>772</b>	<b>768</b>	<b>871</b>	<b>851</b>	<b>753</b>	<b>191</b>	<b>13,121</b>
<b>CE09 - Brock, Scugog &amp; Uxbridge</b>																
Single & Semi-detached	207	463	403	358	281	153	191	189	174	128	159	170	175	177	179	3,407
Multiples	121	70	72	75	59	47	38	41	42	64	60	71	69	71	71	971
Apartments	136	65	15	96	21	97	85	85	56	109	69	69	129	55	42	1,129
<b>Total</b>	<b>464</b>	<b>598</b>	<b>490</b>	<b>529</b>	<b>361</b>	<b>297</b>	<b>314</b>	<b>315</b>	<b>272</b>	<b>301</b>	<b>288</b>	<b>310</b>	<b>373</b>	<b>303</b>	<b>292</b>	<b>5,507</b>

Notes: 1. Assumed to be net of demolitions and conversions.

<b>Grand Total Gross New Units in By-Law Area</b>	103,474
<b>Less: Statutorily Exempt Units in By-Law Area</b>	798
<b>Total Net New Units in By-Law Area</b>	<b>102,676</b>

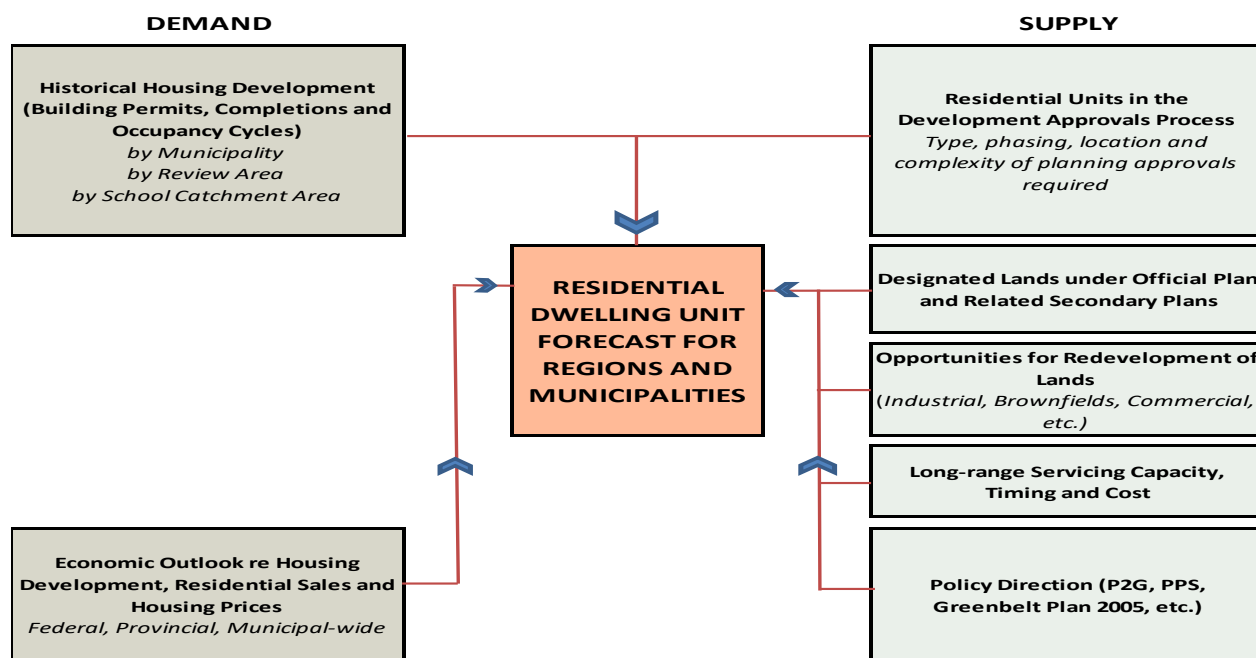


### 4.3.2 Methodological Approach

Municipal forecasts of residential development generally give consideration to: underlying demographic trends, timing and location of infrastructure emplacement, local planning policies (Official Plan and Secondary Plans), Provincial planning policies, considerations of demand (including recent and projected real estate market conditions and recent historical construction statistics) and supply (land supply and absorption rates), staging of units in the development approvals process, government housing policies affecting housing affordability, etc. Figure 4-1 illustrates a typical household formation projection methodology.

FIGURE 4-1

#### Residential Growth Forecast: Proposed Methodology Household Formation Projection Model



#### Statutory Residential Exemptions:

##### *Additional Dwelling Unit Exemption –*

Section 257.54 (3) of the *Education Act* exempts, from the imposition of education development charges, the creation of two additional dwelling units within an existing single detached dwelling (i.e. the conversion of a single unit to a duplex or triplex), or one additional dwelling unit within a semi-detached, row dwellings and other residential building. A reduction of 798 medium density units, or 2.5% of the total medium density units has been made to the EDC dwelling unit forecast. A review of building permit data for each municipality where permits were approved for accessory units in

ground-related housing would assist in refining this assumption once the Regional database is completed and available for public access.

*Replacement Dwelling Unit Exemption –*

Section 4 of O. Reg 20/98 requires that the Board exempt from the payment of education development charges, the ‘replacement, on the same site, a dwelling unit that was destroyed by fire, demolition or otherwise, or that was so damaged by fire, demolition or otherwise as to render it uninhabitable’, provided that the replacement building permit is issued within two years that the dwelling unit was destroyed or became uninhabitable. The forecast of net new units is net of demolitions.

### 4.3.3 Net New Units and Forms B and C

Table 4-3 summarizes the Region of Durham (except Clarington)’s housing forecast by unit type for the mid-2019 to mid-2034 period. The table also provides a summary of the housing forecast by DCDSB elementary and secondary review area.

**Table 4-3 - FORM E**  
**DURHAM CATHOLIC DISTRICT SCHOOL BOARD**  
**Education Development Charges Submission 2019**  
**Net Growth-related Pupil Places**  
**Elementary Panel**

Review Area	Total Cumulative 15 Year New Net Unit Projections (1)	% Total Forecast Municipal Residential Growth (2)	SINGLE and SEMI- DETACHED	MEDIUM DENSITY	APARTMENTS (includes purpose- built seniors housing and student housing)	TOTAL UNITS
CE01 - Pickering South	9,202	9.0%	194	2,630	6,378	9,202
CE02 - Pickering Seaton	22,647	22.1%	6,959	9,754	5,934	22,647
CE03 - Pickering Northeast	3,574	3.5%	1,046	2,008	520	3,574
CE04 - Ajax	6,558	6.4%	1,295	1,447	3,816	6,558
CE05 - Whitby South & Central	14,983	14.6%	4,292	3,469	7,222	14,983
CE06 - Whitby North & Brooklin	22,464	21.9%	13,655	7,280	1,529	22,464
CE07 - Oshawa South & Central	4,620	4.5%	562	772	3,286	4,620
CE08 - Oshawa North	13,121	12.8%	5,826	3,586	3,709	13,121
CE09 - Brock, Scugog & Uxbridge	5,507	5.4%	3,407	971	1,129	5,507
<b>TOTAL</b>	<b>102,676</b>	<b>100%</b>	<b>37,236</b>	<b>31,917</b>	<b>33,523</b>	<b>102,676</b>

**Secondary Panel**

Review Area	Total Cumulative 15 Year New Net Unit Projections (1)	% Total Forecast Municipal Residential Growth (2)	SINGLE and SEMI- DETACHED	MEDIUM DENSITY	APARTMENTS (includes purpose- built seniors housing and student housing)	TOTAL UNITS
CS01 - South of Taunton Rd.	38,937	37.9%	7,389	10,326	21,222	38,937
CS02 - North of Taunton Rd.	41,092	40.0%	22,888	11,837	6,367	41,092
CS03 - Seaton & North Pickering	22,647	22.1%	6,959	9,754	5,934	22,647
<b>TOTAL</b>	<b>102,676</b>	<b>100.0%</b>	<b>37,236</b>	<b>31,917</b>	<b>33,523</b>	<b>102,676</b>

## 4.4 Non-Residential Growth Forecast and Form D

The non-residential growth forecast (Tables 4-5 and 4-6) indicates that a total of 80,388,746 square feet of non-residential gross floor area (GFA) space and additions is anticipated for the Region of Durham (except Clarington) over the 15-year forecast period. Industrial and institutional additions, municipal and school board properties, which are exempt under the legislation, are expected to total 19,068,494 square feet of GFA over that same time period. Therefore, an education development charge by-law can be applied against a net of 61,320,251 square feet of net gross floor area.

The non-residential growth forecast was derived from Region of Durham (except Clarington) March 27, 2018 Development Charges Report - Anticipated Development in Durham 2018-2028, with interpolation of mid-2031 to mid-2034 period based on 2041 Preferred Growth Scenario Employment Forecast of 430,000 employees less Clarington.

A review of the 2016 and 2017 Development Activity Summary and Growth and Development Reviews of Industrial, Commercial and Institutional Market and Building Activities building permit data was used to determine what percentage of the industrial, commercial and institutional development would be statutorily-exempted from the payment of education development charges.

Table 4-5 summarizes Form D of the EDC Submission:

**TABLE 4-5  
DURHAM CATHOLIC DISTRICT SCHOOL BOARD  
Education Development Charges Submission 2019  
Form D - Non-Residential Development**

**D1 - Non-Residential Charge Based On Gross Floor Area (sq. ft.)**

<b>Total Estimated Non-Residential Board-Determined Gross Floor Area to be Constructed Over 15 Years From Date of By-Law Passage</b>	80,388,746
<b>Less: Board-Determined Gross Floor Area From Exempt Development</b>	19,068,494
<b>Net Estimated Board-Determined Gross Floor Area</b>	61,320,251

**Table 4-6**  
**REGION OF DURHAM (Excluding Clarington)**  
**Non-Residential Forecast of Net Gross Floor Area**

Forecast of Space Construction, New and Additions (sq ft)					
	Year	Industrial	Commercial	Institutional	Total
Projected (based on May, 2017 DC Forecast)	2019/20	5,497,193	802,724	324,123	6,624,040
	2020/21	5,497,193	802,724	324,123	6,624,040
	2021/22	5,497,193	802,724	324,123	6,624,040
	2022/23	5,497,193	802,724	324,123	6,624,040
	2023/24	4,980,117	650,750	155,786	5,786,652
	2024/25	4,980,117	650,750	155,786	5,786,652
	2025/26	4,980,117	650,750	155,786	5,786,652
	2026/27	4,980,117	650,750	155,786	5,786,652
	2027/28	4,980,117	650,750	155,786	5,786,652
	2028/29	3,452,229	504,110	203,548	4,159,887
	2029/30	3,452,229	504,110	203,548	4,159,887
	2030/31	3,452,229	504,110	203,548	4,159,887
	2031/32	3,452,229	504,110	203,548	4,159,887
	2032/33	3,452,229	504,110	203,548	4,159,887
2033/34	3,452,229	504,110	203,548	4,159,887	
<b>Average Annual</b>		4,506,800	632,600	219,800	5,359,200
<b>TOTAL NEW SPACE (SQ FT)</b>		67,602,733	9,489,304	3,296,708	80,388,746
<b>As a % of GFA</b>		<b>84.1%</b>	<b>11.8%</b>	<b>4.1%</b>	<b>100.0%</b>
<b>Less Statutorily Exempt GFA</b>		16,900,683	189,786	1,978,025	19,068,494
<b>Net Projected GFA</b>		50,702,050	9,299,518	1,318,683	61,320,251

Source: 2019/20 to 2027/28 based on Region of Durham 2018 DC Region of Durham ROPA 128 Employment Forecast and Durham Regional Official Plan Consolidation May 11, 2017 - Section 7.3.3

Post 2028 non-res GFA (based on 117 sq m industrial; 39 commercial and 63 institutional sq metres per employee) with Seaton

## CHAPTER 5 - DEMOGRAPHIC TRENDS AND FUTURE ENROLMENT EXPECTATIONS

### 5.1 Demographic and Enrolment Trends

The Durham Catholic District School Board provides exemplary faith-based educational opportunities to more than 21,000 students board-wide. The DCDSB has a 2018-19 preliminary (based on September 2018 enrolments) enrolment of 21,195 students' jurisdiction-wide (14,843 elementary headcount and 6,352 secondary ADE) and currently operates 40 elementary and 8 secondary schools within the Board's jurisdiction.

#### 5.1.1 Overview

The consultants were retained to prepare long term (i.e., 15-year) enrolment projections for the Board. The analysis set out herein examines both historic demographic and enrolment trends within the Board's jurisdiction. The determination of 15-year enrolment projections uses a spatial matching of historical DCDSB student data with MPAC housing data (i.e. by period of occupancy and density type), in order to derive the number of DCDSB pupils to be generated by new housing development and to determine appropriate by school, by grade, by program (e.g. French Immersion) enrolments over the 2019/20 through 2033/34 school years.

The key elements of historical trends (both demographic and enrolment) are examined below. Firstly, *demographic trends* are assessed in terms of:

What has been the *change in pre-school and school age population*, for the jurisdiction as a whole, and for sub-geographies within the Board's jurisdiction? Many school boards can, and will experience areas of school age population growth, offset by areas of decline. Further, it is possible to experience growth in secondary school age children due to in-migration, but a decline in elementary school age population.

More importantly, what has been the *change in pre-school and school age population per household*? It is possible to experience significant new housing construction and yet experience a decline in school age population per household due to an aging population driving the demand for a portion of the new housing. As noted throughout this report, it is possible to experience an increase in children per household in high-rise developments due to reduced housing affordability.

How have *migrations trends* changed, as a whole and by age cohort? How has the economy affected the in-migration and out-migration of female persons between the ages of 20 to 35 (i.e., those who account for the majority of the household births)? Has the *ethnic make-up of the migrant population* changed and, if so, how might this affect projected enrolment for a Catholic board or a French-language board in particular? What is the *religious affiliation of the migrant population*? It should be noted that religion is only asked every second Census undertaking.

How has the *birth rate* (i.e., the number of children born annually) and the *fertility rate* (i.e., the number of children a female is likely to have in her lifespan) changed for particular age cohorts? For example, in many areas, the birth rate has declined in recent years, while the fertility rate in females

over the age of 35 has been increasing. Generally, the data indicates that, for the majority of the Province, women are initiating family formation later on in life and, in turn, having fewer children overall.

Secondly, *enrolment trends* are assessed in terms of:

How has the *grade structure ratio* (i.e., the number of pupils entering Junior Kindergarten versus the number of students graduating Grade 8) of the Board changed?

Have changes in *program delivery* affected the Board's enrolment patterns (e.g., introduction of French Immersion programs)?

How has the Board's *share of elementary/secondary enrolment* changed vis-à-vis the co-terminous boards and private school/other enrolment?

### 5.1.2 Population and Housing

Statistics Canada population and dwelling unit data related to the 2006, 2011 and 2016 Census undertakings is provided in Table 5-1. This data provides insights into demographic shifts by Durham municipality and for the Region as a whole. This information is one of the sources of the school and pre-school age population trends discussed herein as they relate to the DCDSB's jurisdiction.

Table 5-1 compares the pre-school and school age population between the 2006-2011 and 2011-2016 Census periods, illustrating the changing trends which will impact future enrolment growth for the Board.

As shown in the table, from a Region-wide perspective, the pre-school age population (ages 0-4) increased by 2,345 persons between 2006 and 2016. The elementary school age population (ages 5-14) decreased by 1,155 persons, and the secondary school age population (ages 15-19) decreased by 690 persons.

In terms of future shifts in age structures within the DCDSB jurisdiction, the percentage of the neighbourhood population over the age of 65 years, as a % of the total population, is one of the indicators of future re-gentrification and re-occupancy of dwellings. As to the impact on future DCDSB enrolment, that is something to be monitored over time.

TABLE 5-1

	2006 Census						2011 Census						2016 Census						Change						
	Total Population in Private Households		0 to 4 years		5 to 9 years		10 to 14 years		15 to 19 years		Total Population in Private Households		0 to 4 years		5 to 9 years		10 to 14 years		15 to 19 years		Census 2006-2016 change		Census 2006-2016 change		Census 2006-2016 change
<b>Total Durham Region excluding Clarington</b>	<b>483,365</b>	<b>27,740</b>	<b>31,920</b>	<b>38,160</b>	<b>37,435</b>	<b>523,495</b>	<b>29,840</b>	<b>31,750</b>	<b>35,260</b>	<b>40,070</b>	<b>553,727</b>	<b>30,085</b>	<b>34,135</b>	<b>34,790</b>	<b>36,745</b>	<b>70,362</b>	<b>2,345</b>	<b>(1,155)</b>	<b>(690)</b>	<b>29,507</b>	<b>1,475</b>	<b>1,830</b>	<b>1,075</b>	<b>(335)</b>	<b>(275)</b>
Ajax	90,170	5,750	6,615	7,990	7,460	109,600	7,300	7,310	8,025	8,950	119,677	7,225	8,280	8,155	8,535	29,507	1,475	1,830	1,075						
Brock	11,980	610	675	895	890	11,345	555	610	680	795	11,645	575	650	645	635	(335)	(35)	(275)	(255)						
Clarington (excluded from totals)	77,820	4,660	5,755	6,880	6,020	84,550	4,845	5,260	6,045	6,945	92,013	5,590	5,790	5,770	6,210	14,193	930	(1,075)	190						
Oshawa	141,590	7,460	8,180	9,840	9,995	149,610	8,355	7,995	8,565	10,155	159,455	8,770	9,130	8,670	9,220	17,865	1,310	(220)	(775)						
Pickering	87,835	4,445	5,855	7,090	7,300	88,720	4,085	4,950	6,170	7,255	91,775	4,545	4,910	5,460	6,290	3,940	100	(2,575)	(1,010)						
Saugog	21,440	940	1,260	1,485	1,665	21,570	875	1,115	1,375	1,520	21,615	885	1,055	1,200	1,395	175	(55)	(490)	(270)						
Uxbridge	19,165	950	1,290	1,595	1,545	20,625	900	1,160	1,480	1,700	21,180	875	1,105	1,340	1,550	2,015	(75)	(440)	5						
Whitby	111,185	7,585	8,045	9,265	8,580	122,025	7,770	8,610	8,965	9,695	128,380	7,210	9,005	9,320	9,120	17,195	(375)	1,015	540						
<b>Total Growth Pre-school &amp; School-age Population in Municipalities Experiencing Increases (excluding Clarington)</b>												<b>2,885</b>	<b>2,845</b>	<b>1,620</b>											

### 5.1.3 Enrolment Overview and Apportionment

Historical elementary and secondary enrolments (2013/14 to 2017/18) for the DCDSB and DCDSB have been summarized in Table 5-2. This table summarizes the change in elementary and secondary enrolment for each Board over this time period, as well as apportionment shares (i.e. the percentage of students who choose to attend DCDSB schools). The information is taken from the Ministry-reported enrolments and found in the annual Funding Projections report for each Ontario school board.

DCDSB elementary enrolment as a percentage of total co-terminous enrolment has decreased from 23.88% in 2011/12 to 22.94% in 2017/18, while secondary has decreased from 26.57% to 23.55%.

**Table 5-2**  
**Durham Boards**  
**Historical Apportionment Shares**

<b>Elementary</b>	<b>2011/12</b>	<b>2012/13</b>	<b>2013/14</b>	<b>2014/15</b>	<b>2015/16</b>	<b>2016/17</b>	<b>2017/18</b>
DDSB	42,083	42,386	42,609	47,499	47,889	48,689	49,021
DCDSB	13,204	13,238	13,246	14,608	14,489	14,583	14,594
DDSB Share %	76.12%	76.20%	76.29%	76.48%	76.77%	76.95%	77.06%
DCDSB Share %	23.88%	23.80%	23.71%	23.52%	23.23%	23.05%	22.94%
<b>Secondary</b>	<b>2011/12</b>	<b>2012/13</b>	<b>2013/14</b>	<b>2014/15</b>	<b>2015/16</b>	<b>2016/17</b>	<b>2017/18</b>
DDSB	22,818	22,588	21,673	20,996	21,099	20,820	20,565
DCDSB	8,256	7,885	7,451	6,949	6,692	6,521	6,334
DDSB Share %	73.43%	74.12%	74.42%	75.13%	75.92%	76.15%	76.45%
DCDSB Share %	26.57%	25.88%	25.58%	24.87%	24.08%	23.85%	23.55%

## 5.2 15-year Student Enrolment Projections and Projections of Pupil Accommodation Needs

The end of this chapter summarizes the elementary and secondary 15-year EDC enrolment projections for the DCDSB.

### 5.2.1 Methodology

The derivation of by-school and by-grade enrolment projections consists of two distinct methodological elements. The first, which is consistent with industry standards, follows a retention rate approach to determine how the existing pupils of the Board (i.e. pupils residing in existing housing within the Board's jurisdiction, as well as any pupils who reside outside of the Board's jurisdiction but attend schools of the Board) would move through each grade and transition from the elementary to the secondary panel, including any shifts in apportionment moving from elementary to secondary school programs (i.e. picking up or losing students to a co-terminous



school board). This element of the enrolment projection methodology is known as the “Requirements of the Existing Community.”

The second part of the projection exercise is to determine how many pupils would be generated by additional housing development over the forecast period, and what portion of these pupils would potentially choose to attend schools of the Board. This element of the forecasting exercise is known as the “Requirements of New Development.” In an EDC context, students that were designated as part of the Requirements of New Development enrolment forecast become part of the Existing Community enrolment forecast in moving from one by-law period to another. Some of these pupils generated by new housing development are directed to schools where temporary holding spaces have been provided in anticipation of the construction of new pupil places in their resident area, once capital funding approval is provided by the Province.

The EDC Guidelines require that each projection element be examined separately and subsequently combined to determine total projected enrolment. The methodological approach to each element is examined in depth below.

### **Requirements of the Existing Community**

The enrolment projections of the existing community are intended to reflect the predicted change in enrolment pertaining to housing units that have previously been constructed (including new homes that were constructed and for which additional land requirements were identified in a previous by-law but not acquired as yet) and occupied within the Board’s jurisdiction. Existing community projections may also include some pupils who live outside of the Board’s jurisdiction, but attend schools of the Board.

The key components of the existing community projection model are outlined in Figure 1.

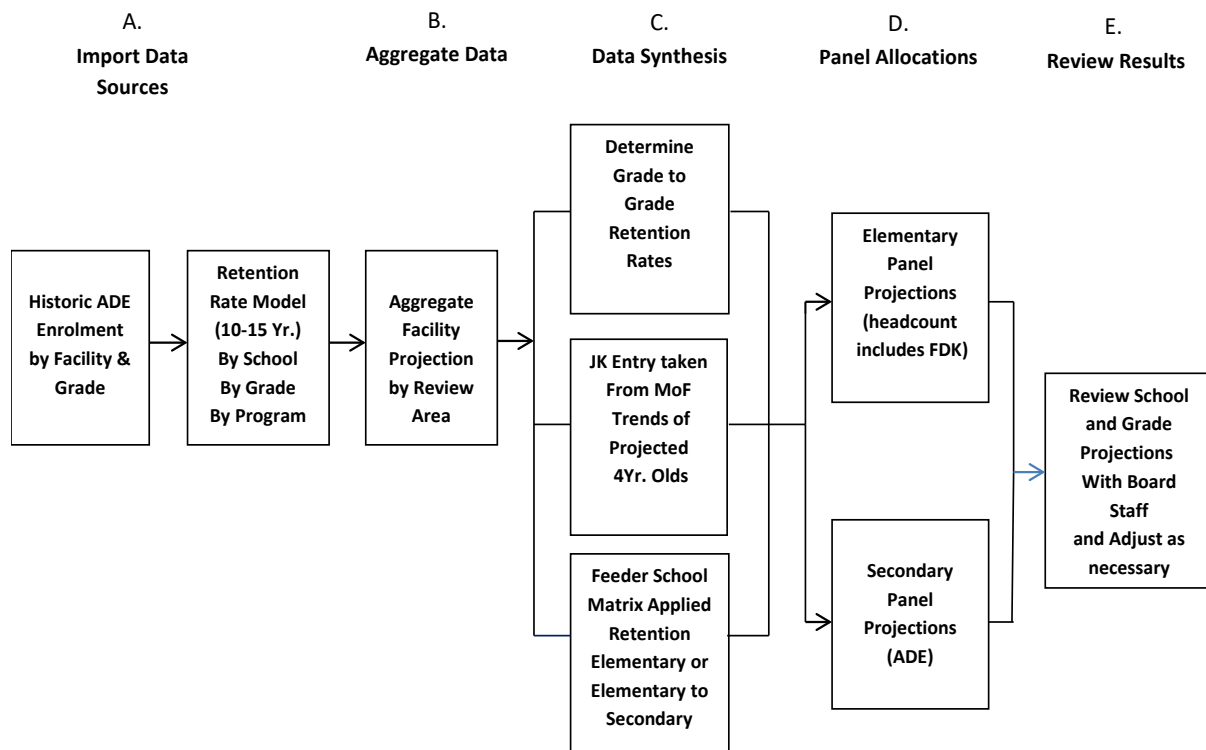
1. Enrolment projections disaggregated by sub-geography (i.e., review areas) and by school.
2. Historic average daily enrolment by school, by grade and by program (e.g. French Immersion). This information is provided by the Board and includes initial Fall 2018 enrolments. The enrolment summaries are used to determine how changes in the provision of facilities and programs, as well as school choice, have affected student enrolment to date. This information also provides perspectives on how board apportionment has changed throughout the jurisdiction and by sub-area. This information further provides an indication of holding situations where pupils are provided with temporary accommodation awaiting the construction of additional pupil spaces.
3. Historic retention rates by school, by grade and by program -- has the number of students moving through from grade to grade been more or less than previous years? Have changes to program offering affected the Board’s share of enrolment at any particular school, or more recent retention rates of any school or particular grade?
4. Feeder school retentions for each elementary and secondary school -- this includes pupils feeding into specialized programs (e.g., French Immersion, Gifted, etc.) and from elementary schools into secondary schools. Typically Grade 8 students are directed to a preferred

secondary school based on a board’s attendance boundaries. However, “open access” policies at the secondary level often permit students to attend their school of choice (which could include a co-terminous board’s secondary school or a private school).

5. Historical enrolment anomalies and the ability to document unusual shifts in enrolment at any individual school due to changes in program, staffing, transportation policies, capital improvements, etc.
6. Review the draft total enrolment projections of the co-terminous Durham boards against multiple population projection sources including Ministry of Finance.
7. Review student holding situations with each Durham board and make adjustments to reflect future changes to attendance boundaries as new pupil paces are constructed.
8. Review draft enrolment projections by school, by grade and by program with each Board and compare to Board-prepared student enrolment projections. Adjust retention and subscription assumptions for individual schools where necessary.

**FIGURE 1**

**PUPIL REQUIREMENTS OF THE EXISTING COMMUNITY**



## **Requirements of New Development**

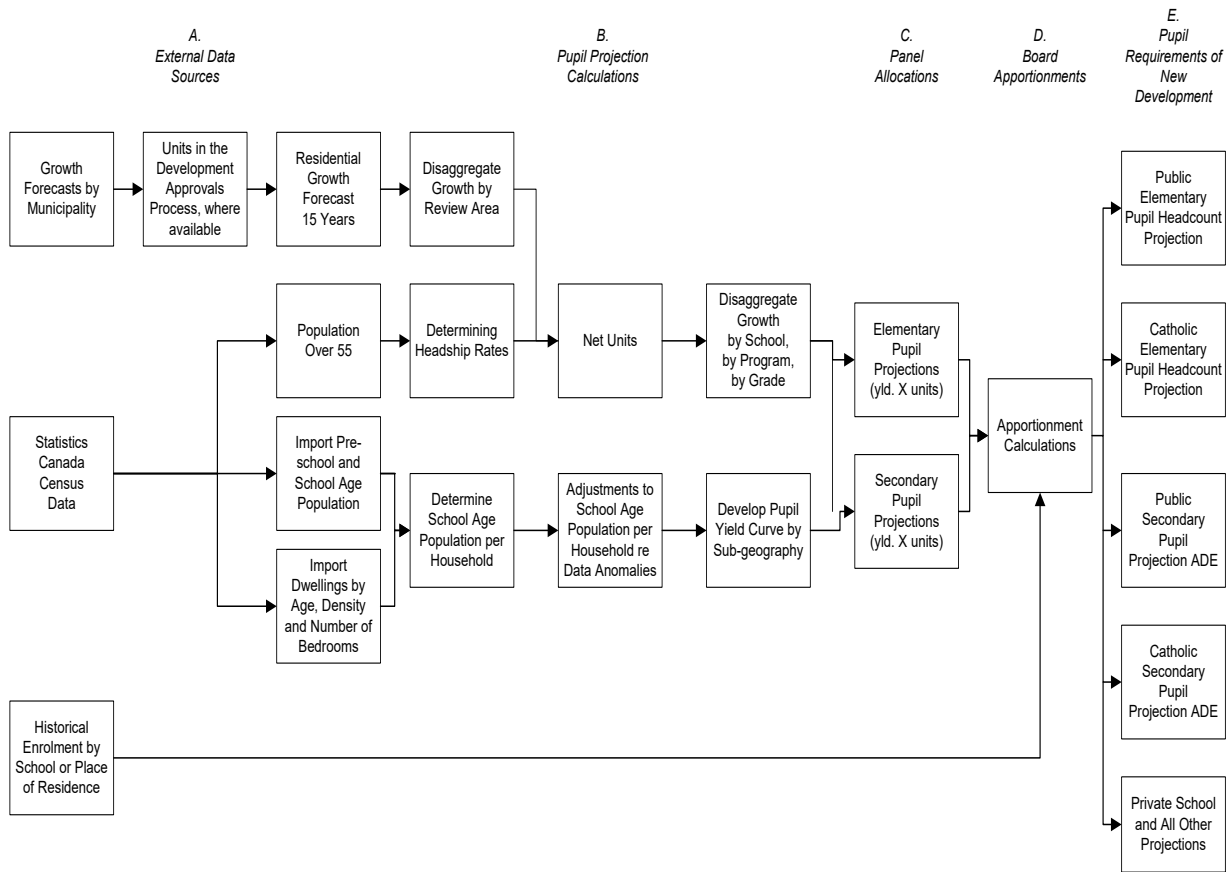
The projected enrolment supporting the “Requirements of New Development” is intended to determine the number of pupils that would occupy new housing development, and the percentage of these pupils that are likely to attend schools of the Board. Some of these pupils may be subsequently held in existing schools of the Board, awaiting the opening of new resident-area schools or additional pupil places.

It is relevant to note that there is a difference between the timing associated with the requirement to determine the number of net new units to which the payment of EDCs would apply and the timing of the occupancy of the new units and associated impact on student enrolment. The lag between building permit issuance, construction and occupancy of the units and subsequent increases in student enrolment is even more pronounced where the housing development involves land redevelopment and intensified land uses.

The key components of the new development projection model are outlined in Figure 2.

1. Units in the development approvals process – a spatial matching of the development data to Board-approved DCDSB attendance boundaries is used as one of the considerations in deriving the detailed fifteen-year housing forecast by school resident area and by unit type.
2. Pupil yield cycles derived from historical DCDSB student data spatially matched to MPAC housing data by period of housing construction over the last 15-years (to derive 15-year pupil yield cycles), by density type and by Review Area. The pupil yields cycles were subsequently applied to each of the development applications comprising the housing forecast by school.
4. Age-specific Ministry of Finance (MoF) population projections for the Region of Durham (except Clarington) were reviewed and the historical DCDSB apportionment share applied to the MoF forecasts to determine the order of magnitude of projected enrolment increases, consistent with fertility and net migration assumptions underlying the MoF projections. The total enrolment projections (i.e. Requirements of New Development plus Requirements of the Existing Community) were peer reviewed against the MoF projections.
5. Figure 2 outlines the methodological approach in assessing the Requirements of New Development.

**FIGURE 2**  
**PUPIL PLACE REQUIREMENTS OF NEW DEVELOPMENT: CONCEPTUAL SCHEMATIC**



### The New Unit Pupil Yield Cycle

Figure 3 translates the impact of the single detached unit occupancy trend to a conceptual representation of the pupil yield cycle for these types of dwelling units. This figure illustrates a typical yield cycle for a new single detached dwelling unit, commencing at initial occupancy of the unit. In reality, there are several variables that affect the overall pupil yield cycle. Firstly, most new communities are constructed over periods of 5 to 15 years, so that the aggregated overall pupil yield of even a community comprised entirely of single detached units will represent an amalgamation of units at different points on the pupil yield cycle. It should be noted that new communities are generally comprised of:

- Units constructed and occupied at different times;
- Development of varying densities (low, medium or high);
- There are particular types of units with low “initial” yield occupancies (e.g., adult lifestyle, recreational, granny flats, etc.).

The second variable is that there are basically two pupil yield cycles that have historically affected single detached units in newer communities: the primary cycle, which occurs over the (approximate) first 15-20 years of community development; and the sustainable cycle, which occurs after that point.

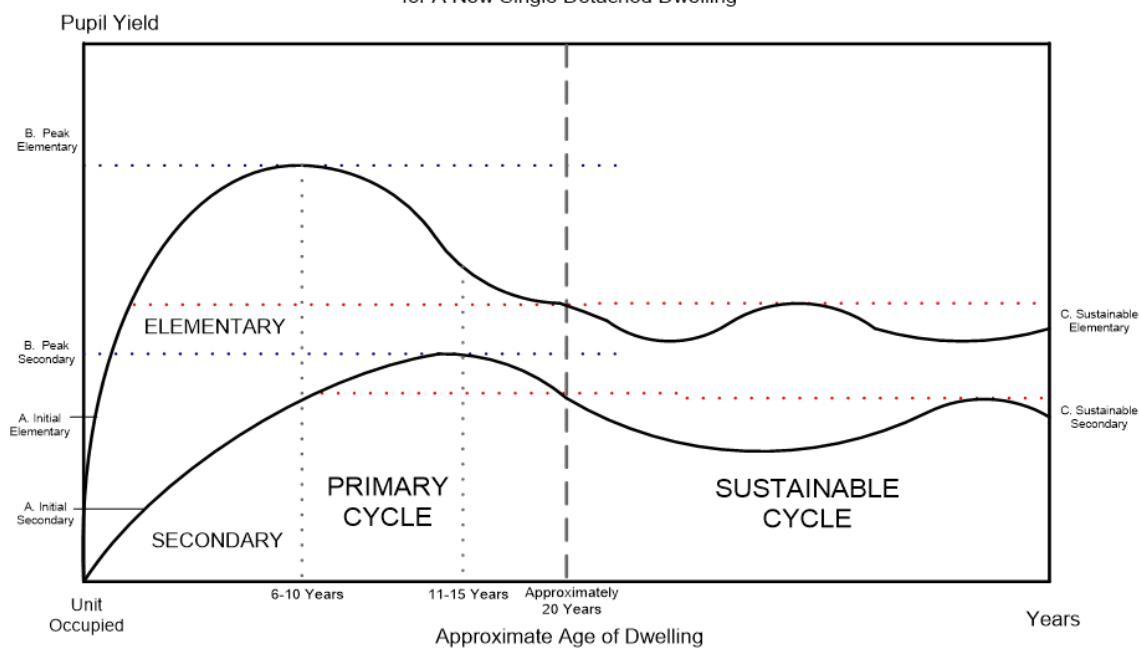
The primary yield cycle for elementary pupil yields in new single detached units generally peaks within the first 7 to 10 years of community development, depending on the timing of occupancy of the units. Recent demographic and occupancy trends, however, suggest that the family creation process is being delayed as many families are postponing having children and also having fewer children (as witnessed by declining fertility rates). However, the age structure of the immigrant population can have a compelling impact on pupil yields.

“Peak” yields may remain relatively constant over several years, particularly in periods of sustained economic growth. Eventually, however, the elementary yield would gradually decline until it reaches the end of the initial yield cycle and moves to the first stage of the sustainable yield cycle. The initial yield cycle of secondary pupil generation peaks in approximately Years 12 to 15 of new community development (depending on the timing of occupancy of the units), and experiences a lower rate of decline than the elementary panel, before reaching the sustainable yield cycle.

The second phase, the sustainable yield cycle for both the elementary and secondary panels appears to maintain the same peaks and valleys. However, the peak of the sustainable cycle is considerably lower than the primary peak for the community.

Accordingly, the overall blended pupil yield for a single community will incorporate the combination of these factors. Pupil yields applicable to different communities will vary based on these (and other) demographic factors. Pupil generation in the re-occupancy of existing dwelling units can vary from its initial occupancy. For these reasons, an overall pupil yield generally reflects a weighting (i.e. the proportion of low, medium and high-density units constructed each year) and blending of these variables. There is a need to track how neighbourhoods with an increased aged population and increases due to net migration, will change over time.

Figure 3  
Conceptual Representation of the Pupil Yield Cycle  
for A New Single Detached Dwelling

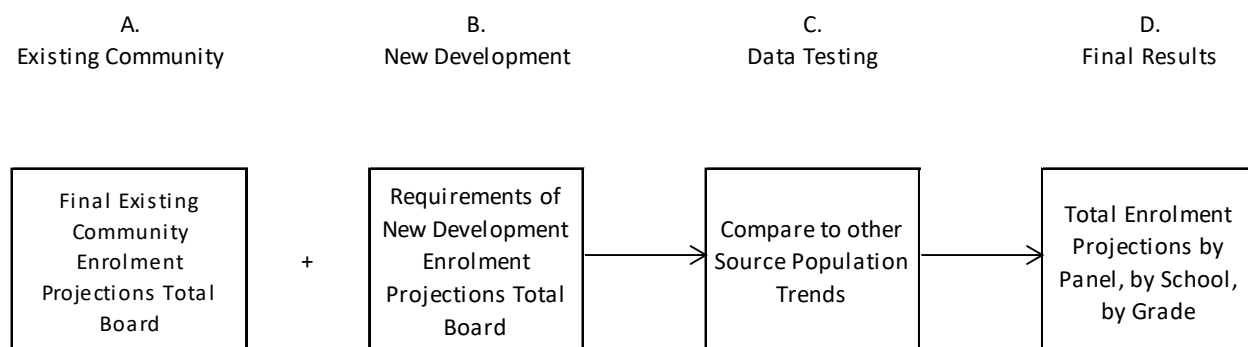


## Total Student Enrolment Projections

The projected “requirements of the existing community” are added to the total “requirements of new development” by school and by grade, to determine total projected enrolment over the forecast period, as shown in Figure 4.

This information is reviewed in detail with Board staff. The enrolments are adjusted, where necessary.

FIGURE 4



### 5.2.2 Summary of Board Enrolment Projections

Summaries of the total 15-year EDC enrolment, for the DCDSB, are provided in Table 5-3 and for the elementary and secondary panels. The total EDC elementary enrolment projections indicate that by the end of the 15-year forecast period, the Board will have a total enrolment of 20,505 students for an increase of 5,662 students from the projected 2018/19 enrolment of 14,843. The Board is expected to experience a decrease of about 3,505 students in the existing community, which is projected to be enhanced by an additional 9,167 pupils from new housing development, which is an overall pupil yield of 0.0893.

For secondary students, the DCDSB EDC projections forecast a decrease of 492 students in the existing community and 3,021 additional students to come from new development over the next 15 years. This results in total projected Year 15 enrolment of 8,880 students, or an increase of about 2,528 students from the projected 2018/19 enrolment, which is an overall pupil yield of 0.0294.



## CHAPTER 6 - SITE REQUIREMENTS AND VALUATION

### 6.1 Legislative Requirements

The steps set out in section 7 of O. Reg. 20/98 for the determination of an education development charge, require the Board to “...estimate the net education land cost for the elementary/secondary school sites required to provide pupil places for the new school pupils.”

Section 257.53(2) specifies the following as education land costs if they are incurred or proposed to be incurred by a Board:

1. Costs to acquire land or an interest in land, including a leasehold interest, to be used by the board to provide pupil accommodation.
2. Costs to provide services to the land or otherwise prepare the site so that a building or buildings may be built on the land to provide pupil accommodation.
3. Costs to prepare and distribute education development charge background studies as required under this Division.
4. Interest on money borrowed to pay for costs described in items 1 and 2.
5. Costs to undertake studies in connection with an acquisition referred to in item 1.

Only the capital component of costs to lease land or to acquire a leasehold interest is an education land cost.

Under the same section of the Act, the following are not education land costs:

1. Costs of any building to be used to provide pupil accommodation;
2. Costs that are attributable to excess land of a site that are “not education land costs.” (section 2 subsection 1 of O. Reg. 20/98).

However, land is not excess land if it is reasonably necessary,

- (a) to meet a legal requirement relating to the site; or
- (b) to allow the facilities for pupil accommodation that the board intends to provide on the site to be located there and to provide access to those facilities.

The exception to this is:

- (a) land that has already been acquired by the board before February 1, 1998, or
- (b) land in respect of which there is an agreement, entered into before February 1, 1998, under which the board is required to, or has an option to, purchase the land.



Finally, the Regulation specifies the following site sizes:

Elementary schools	
Number of Pupils	Maximum Area (acres)
1 to 400	4
401 to 500	5
501 to 600	6
601 to 700	7
701 or more	8

Secondary Schools	
Number of Pupils	Maximum Area (acres)
1 to 1000	12
1001 to 1100	13
1101 to 1200	14
1201 to 1300	15
1301 to 1400	16
1401 to 1500	17
1501 or more	18

In some cases, school boards may agree to smaller site sizes where they are situated adjacent to parkland that is partially or wholly available for school program usage (i.e. preferably on an exclusive use basis during the school day). However, municipalities may be reluctant to allow shared usage of this land. The school board would likely be required to participate in cost sharing responsibilities related to operating costs and risk management.

In some instances, Boards may require site sizes in excess of the maximum prescribed above, in that a portion of the school site may be undevelopable (e.g. environmentally sensitive lands, woodlots, etc.). French-language school boards may acquire larger school sites in anticipation of creating

school campuses (i.e. two schools on one site offering JK-12 programs). Changes to program offering may translate into larger school buildings footprints, increased playfield space, parking spaces, site access, etc. that would require larger school sites. The EDC legislation deals with the acquisition of school sites exceeding the acreage benchmarks outlined above. School site sizes need to be determined on a site-specific basis and may be more or less than specified in the table above.

## 6.2 Increased Site Size Requirements

The EDC Guidelines (Section 2.3.8) require that “when the area of any of the proposed sites exceeds the site designations in this table (i.e. table above), justification as to the need for the excess land is required.” Given that the Regulation standards have not been updated since 1998, larger site sizes than specified by the Regulation benchmark may be required to account for changing municipal parking standards and the impact of programs such as PCS, FDK and on-site daycare, greater site access needs, playfield space and pens, parking requirements; the potential to accommodate increased portables and a larger building footprint. Where school site sizes include undevelopable table lands or slopes, irregular-shaped lots with limited street frontage; or lands that cannot be severed and sold off; or include the requirement for larger site sizes to address program or municipal site plan requirements; the entire site size can be considered EDC-eligible, provided that the appropriate explanation is given in the EDC Background Study report. The DCDSB has had long-standing practices respecting school site sizes. It should be noted that the number of elementary acres per 100 pupils underlying the EDC calculation is higher than the Regulation standard (1.0 to 1.165 pupils per acre) at 1.253, and the secondary acres per 100 pupils (1.0 to 1.25 pupils per acre) is 1.253, which is consistent with the Regulation standard.

## 6.3 Site Requirements

The site requirements arising from new residential development in each review area indicate the cumulative number of new pupil places required by Year 15 of the forecast period, and for which there is insufficient permanent pupil places to accommodate all projected students. Further, new sites may not be required where the Board intends to construct additions to existing facilities to meet all or a portion of the requirements of new development over the forecast period (although, in some cases the acquisition of adjacent property and demolition of existing buildings may be required). Even in a greenfield situation, school additions constructed to accommodate enrolment growth may require additional site development (e.g. grading, soil remediation, upgrading utility services, removal of portables, demolition of existing buildings, etc.).

Boards generally acquire sites a minimum of two years in advance of opening a new school facility, in order to ensure that there is sufficient time allowed for site servicing and preparation, facility design, contract tendering, building construction and the capital allocation process. The length of time required to approve development plans, acquire land for school sites, assess site preparation needs, and commence school construction can consume a decade or more, particularly where multi-use developments or redevelopment of lands are proposed. Aligning funding, acquisition and site development timing is particularly challenging in an intensified urban development environment.

## 6.4 Land Valuation Approach for School Sites

The co-terminous Durham school boards retained the services of the Robson Associates Inc. to undertake an analysis of the growth-related land acquisition costs “proposed to be incurred” (section 257.53(2) of the Education Act) by the Board over the fifteen-year forecast period. Specifically, the appraisers were requested to:

- (a) Provide an estimate of the probable market value for future school sites throughout both of the Durham Catholic District School Board (DCDSB) and the Durham Catholic District School Board (DCDSB) review areas, with an effective date of September 30, 2018, plus an estimate of the five-year escalation rate. Market value, for the purpose of this appraisal, relies on the definition Used in a typical School Site Option agreement which states that market value is: *“As of Option Date, the most likely sale price of the School Site, if it were exposed for sale by a willing vendor to a willing purchaser as a single block of fully serviced land, assuming for valuation purposes that the School Site may be developed, and has final zoning and draft plan of subdivision approval, for the residential development depicted on the draft plan of subdivision....”*
- (b) The valuation is established on the basis that the lands are suitable for use as schools, are serviced to the lot line, rough graded, and free of environmental, soil or other latent defects, and that there are no impediments that would prevent the use of the lands for the construction of a school and related uses. The valuation further assumes that gas, electricity, water, sewer, roads, and other typical infrastructure (depending on location) are available to the lot line, with adequate capacity for school development purposes.
- (c) For the purpose of estimating present and future land value ranges, the focus was confined to the municipalities of Pickering, Ajax, Whitby, Oshawa, Scugog, Uxbridge and Brock. In estimating value ranges, this consulting assignment did not take into account individual site areas or existing improvements on any of the properties. For the purposes of this report, it has been assumed that the land use designations, as set out in the Durham Official Plan and the various Municipal Official Plans, will eventually represent the highest and best use of the properties. Furthermore, it has been assumed that the properties will be, or have been, rezoned to conform to the various municipal land use designations.
- (d) the valuation does not involve specific holdings but rather generic types of future school site lands, as identified by the Durham Catholic District School Board and the Durham Catholic District School Board. Consequently, title searches have not been completed on these lands, nor have specific addresses, legal descriptions, the existence and/or type of encumbrances (easements, rights-of-way, mortgages, leases, etc.), ownership and acquisition details, or site areas and dimensions pertinent to any or all properties been identified.
- (e) An annual land escalation rate to be applied to the market value in order to sustain the likely site acquisition costs over the next 5 years (i.e. May 1, 2019 – April 30, 2024).

This assignment was completed in accordance with Canadian Standards of the Uniform Standards of Professional Appraisal Practice (CUSPAP) regarding real estate consulting and reporting.

The following is an excerpt from the appraisal report prepared by Robson Associates Inc. starting at Page 66:

“Market evidence compiled in this report includes recent school site acquisitions by both boards; plus low and medium density raw development land. School site acquisitions are considered to be the best guide to value for future school sites; however, there is a limited amount of data for this type of transaction. Transactions involving raw development land is also studied and is located within the urban boundary but would still be required to go through the full planning and draft plan of subdivision approval cycle; and servicing of the subdivision would have to be completed to bring it to a state where it could be considered for a school site. These ranges in value for raw development land are considered to be well below the probable market value for a future school site, as defined in the typical school option agreement.

Since elementary schools tend to be planned for interior locations within a subdivision, low density residential land is considered to be the best guide to value for elementary school sites. Secondary schools are typically larger sites, located along an arterial roadway. These sites would typically be used for development, at least in part, in a medium density format, i.e. townhouses, semi-detached residences. A combination of low-density residential land sales and medium-density land sales is considered to be the most appropriate guide to value for these future secondary school sites.

## **8.2 Description & Analysis of Sales Data**

### **8.2.1 Pickering Future School Sites**

There are no current school site acquisitions within the City of Pickering; however, there was a school site acquired nearby in Ajax for \$2,500,000 per acre in 2017. Market evidence for low density raw development land ranged from \$1.0 million per acre to about \$1.2 million per acre. Medium density raw development land ranged from, \$1.8 million to \$2.0 million per acre. It is reasonably expected that the North Pickering area will generate premium land values given the superior proximity to the GTA.

Based on the foregoing market evidence and analysis, it is estimated that market value for future elementary school site amounted to \$3,000,000 per acre and \$3,250,000 per acre for future secondary school site. The Pickering value ranges are summarized in TABLE NO. 25, which follows this section of the report.

### **8.2.2 Ajax Future School Sites**

There was a school site acquired by the DCDSB in Ajax for \$2.5 million per acre in 2017. There was no timely market evidence for low density residential development land in Ajax. Market evidence for medium density raw development land ranged from, \$2.5 million to \$3.0 million per acre. Based on the foregoing market evidence and analysis, it is estimated that market value for future elementary school site amounted to \$2,500,000 per acre and \$2,750,000 per acre for future secondary school site. The Ajax value ranges are summarized in TABLE NO. 25, which follows this section of the report.

### 8.2.3 Whitby Future School Sites

There was a school site acquired by the DCDSB in Whitby for over \$775,000 per acre in 2016. Low density residential development land in Whitby ranged from \$1.0 million to \$1.2 million per acre. Market evidence for medium density raw development land ranged from, \$1.5 million to \$1.75 million per acre.

Based on the foregoing market evidence and analysis, it is estimated that market value for future elementary school site amounted to \$2,000,000 per acre and \$2,500,000 per acre for future secondary school site. The Whitby value ranges are summarized in TABLE NO. 25, which follows this section of the report.

### 8.2.4 Oshawa Future School Sites

There were two school sites acquired in Oshawa in 2017 for \$1.3 million per acre and \$1.8 million per acre. Low density residential development land in Oshawa ranged from \$1.0 million to \$1.2 million per acre. Market evidence for medium density raw development land ranged from, \$1.2 million to \$1.4 million per acre.

Based on the foregoing market evidence and analysis, it is estimated that market value for future elementary school site amounted to \$1,750,000 per acre and \$2,250,000 per acre for future secondary school site. The Oshawa value ranges are summarized in TABLE NO. 25, which follows this section of the report.”

The following tables summarize the school site valuations for elementary and secondary sites within each municipality, along with the land escalation factors to be applied in each case.

SENSITIVITY ANALYSIS OF TYPICAL ELEMENTARY SCHOOL SITE VALUE ESTIMATES										
Land value escalating at a rate of <b>7.0%</b> per year										
MUNICIPALITY	2019 TYPICAL ELEMENTARY SCHOOL SITE VALUE ESTIMATE		2020 TYPICAL ELEMENTARY SCHOOL SITE VALUE ESTIMATE		2021 TYPICAL ELEMENTARY SCHOOL SITE VALUE ESTIMATE		2022 TYPICAL ELEMENTARY SCHOOL SITE VALUE ESTIMATE		2023 TYPICAL ELEMENTARY SCHOOL SITE VALUE ESTIMATE	
	(\$/acre)	Typical 6-acre site (rounded)	(\$/acre)	Typical 6-acre site (rounded)	(\$/acre)	Typical 6-acre site (rounded)	(\$/acre)	Typical 6-acre site (rounded)	(\$/acre)	Typical 6-acre site (rounded)
Pickering	\$3,000,000	<b>\$18,000,000</b>	\$3,210,000	<b>\$19,300,000</b>	\$3,434,700	<b>\$20,600,000</b>	\$3,675,129	<b>\$22,100,000</b>	\$3,932,388	<b>\$23,600,000</b>
Ajax	\$2,500,000	<b>\$15,000,000</b>	\$2,675,000	<b>\$16,100,000</b>	\$2,862,250	<b>\$17,200,000</b>	\$3,062,608	<b>\$18,400,000</b>	\$3,276,990	<b>\$19,700,000</b>
Whitby	\$2,000,000	<b>\$12,000,000</b>	\$2,140,000	<b>\$12,800,000</b>	\$2,289,800	<b>\$13,700,000</b>	\$2,450,086	<b>\$14,700,000</b>	\$2,621,592	<b>\$15,700,000</b>
Oshawa	\$1,750,000	<b>\$10,500,000</b>	\$1,872,500	<b>\$11,200,000</b>	\$2,003,575	<b>\$12,000,000</b>	\$2,143,825	<b>\$12,900,000</b>	\$2,293,893	<b>\$13,800,000</b>
Scugog	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Uxbridge	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Brock	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Table No. 26

**SENSITIVITY ANALYSIS OF TYPICAL SECONDARY SCHOOL SITE VALUE ESTIMATES**

Table No. 27

Land value escalating at a rate of **7.0%** per year

MUNICIPALITY	2019 TYPICAL SECONDARY SCHOOL SITE VALUE ESTIMATE		2020 TYPICAL SECONDARY SCHOOL SITE VALUE ESTIMATE		2021 TYPICAL SECONDARY SCHOOL SITE VALUE ESTIMATE		2022 TYPICAL SECONDARY SCHOOL SITE VALUE ESTIMATE		2023 TYPICAL SECONDARY SCHOOL SITE VALUE ESTIMATE	
	(\$/acre)	Typical 15-acre site (rounded)	(\$/acre)	Typical 15-acre site (rounded)	(\$/acre)	Typical 15-acre site (rounded)	(\$/acre)	Typical 15-acre site (rounded)	(\$/acre)	Typical 15-acre site (rounded)
<b>Pickering</b>	\$3,250,000	<b>\$48,800,000</b>	\$3,477,500	<b>\$52,200,000</b>	\$3,720,925	<b>\$55,800,000</b>	\$3,981,390	<b>\$59,700,000</b>	\$4,260,087	<b>\$63,900,000</b>
<b>Ajax</b>	\$2,750,000	<b>\$41,300,000</b>	\$2,942,500	<b>\$44,100,000</b>	\$3,148,475	<b>\$47,200,000</b>	\$3,368,868	<b>\$50,500,000</b>	\$3,604,689	<b>\$54,100,000</b>
<b>Whitby</b>	\$2,500,000	<b>\$37,500,000</b>	\$2,675,000	<b>\$40,100,000</b>	\$2,862,250	<b>\$42,900,000</b>	\$3,062,608	<b>\$45,900,000</b>	\$3,276,990	<b>\$49,200,000</b>
<b>Oshawa</b>	\$2,250,000	<b>\$33,800,000</b>	\$2,407,500	<b>\$36,100,000</b>	\$2,576,025	<b>\$38,600,000</b>	\$2,756,347	<b>\$41,300,000</b>	\$2,949,291	<b>\$44,200,000</b>
<b>Scugog</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Uxbridge</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Brock</b>	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

## Determining Site Acquisition Needs as part of the Determination of Net Education Land Costs

Assumed site acquisition costs underlying the calculation of the education development charge may fall into categories:

1. parcels of land in the midst of being acquired as part of land assembly strategies;
2. future site acquisitions specified under option agreement between the Board and a landowner;
3. future site requirements either reserved or designated in a secondary plan, or whose exact location is, as yet undetermined;
4. lands being acquired from co-terminous school boards who have declared the lands surplus to their needs (must be acquired at ‘fair market value’ as specified in the legislation);
5. acquisitions of land parcels through friendly or non-friendly expropriations;
6. future sites, identified by a municipality as part of a secondary plan or other planning process, or sites identified as part of joint venture projects;
7. expansions of existing sites to allow for the construction of additional capacity and program amenities;
8. future land purchases proposed to be incurred by a board (section 257.53(2)), where the acquisition of said land is delayed due to land servicing, the capital funding approvals process, or the planning approvals.

## 6.5 Land Escalation over the Forecast Period

The Appraiser’s Report estimates an annual land escalation rate to be applied to the acreage values in order to sustain the likely site acquisition costs over the next 5 years. In arriving at an escalation factor to be applied to the next 5-year horizon, the Appraisers considered the recent historical general economic conditions and land value trends over the past 15 years. As such, the Appraisers recommended an escalation factor of 7.0% per annum for the purposes of projecting the land values over the five-year by-law period.

## 6.6 Site Preparation/Development Costs

Site preparation/development costs are “costs to provide services to the land or otherwise prepare the site so that a building or buildings may be built on the land to provide pupil accommodation.”

Site preparation/development costs are funded through three different sources. First, there is an expectation that the owner of the designated school site will provide:

- site services to the edge of the property’s limit;
- rough grading and compaction; and
- a site cleared of debris;

in consideration of being paid “fair market value” for the land. Where un-serviced land is acquired by the board, the cost to “provide services to the land” is properly included in the education development charge. In the case of redevelopment school sites site preparation costs may include soils remediation, demolition of existing buildings on the site, servicing infrastructure that requires replacement due to age (e.g. water services, sewer services, gas and utilities, transformers, etc.), on-site storm water management, off-site sidewalk, crosswalk and traffic upgrades, road service remediation etc.

As noted earlier in this Chapter, site preparation costs in intensified development situations could include the costs of constructing underground parking spaces required to serve the school, under certain circumstances.

The third and final source of financing site preparation/ development costs is education development charges (i.e. for ‘eligible’ school boards). Through discussion with the development community, the boards and the Ministry, a list (although by no means an exhaustive list) of EDC “eligible” site preparation/ development costs in a greenfields situation has been determined.

### 6.6.1 Eligible Site Preparation/Development Costs in a Greenfields Situation

EDC eligible site preparation/development costs in a greenfields development area include:

- an agent or commission fee paid to acquire a site or to assist in negotiations to acquire a site;
- costs to fulfill municipal requirements to properly maintain the school site prior to construction of the school facility;
- land appraisal reports and legal fees;
- transportation studies related to site accessibility;
- soils tests;
- environmental studies related to the condition of the school site;
- preliminary site plan/fit studies;
- stormwater management studies related to the site;
- archaeological studies precedent to site plan approval of the site;
- planning studies aimed at ensuring municipal approval of the site plan;
- expropriation costs;
- site option agreement costs;
- rough grading, removal of dirt and rubble, engineered fill;
- removal of buildings on the site;
- land transfer taxes.

Finally, as noted above, in situations where a Board is acquiring un-serviced land for the purposes of siting a school facility, or the local municipality requires upgraded site services related to site access and student safety, eligible costs could additionally include:

- site servicing costs;
- temporary or permanent road access to the site;
- power, sanitary, storm and water services to the site;
- off-site services required by the municipality (e.g. sidewalks).

### **6.6.2 Conclusions re Average Site Preparation Costs per Acre**

The Boards concluded that an average of \$129,900 per acre (based on the historical expenditure details set out below) for both elementary and secondary school sites is reasonable based on the Boards' experiences over the previous and current by-law terms.

An escalation factor of 2% per annum for site preparation/development costs has been applied, which is slightly lower than the average annual Consumer Price Index since original by-law inception



in 2001. Site preparation/development costs are escalated annually over the fifteen-year forecast period.

The Form Gs of the EDC Submission, set out in Appendix A, outline the assumed cost per acre (expressed in 2019 dollars), the assumed total land costs escalated to the year of site acquisition, or the end of the proposed by-law period, whichever is sooner, the site development costs and associated financing costs for each site required to meet the needs of the net growth-related pupil places.

**DURHAM DSB and DURHAM CATHOLIC DSB**  
AVERAGE SITE PREPARATION COSTS PER ACRE

	Current Review Area Reference	EDC Eligible Site Name	Address	Year Site Acquired	Site Size in acres	Net Site Preparation Costs to Date	Net Site Preparation Costs Per Acre	Net Site Preparation Costs per Acre 2019\$	Total Site Preparation Costs 2019\$
1.	PE04	Viola Desmond PS (Unnamed Mulbery Meadows)	39 Formosa Ave, Ajax, ON L1Z 0K6	2018	6.90	\$ 1,874,044.00	\$ 271,600.58	\$ 283,349.47	\$ 1,955,111.32
2.	PE05	da Vinci PS (Unnamed Wyndham Manor Ajax)	61 Williamson Dr E, Ajax, ON L1T 0A9	2011	4.96	\$ 357,347.00	\$ 72,045.77	\$ 87,170.82	\$ 432,367.28
3.	PE05	Michaëlle Jean PS (Unnamed Hamlet West/Unnamed Imagination Ajax)	180 Williamson Dr E, Ajax, ON L1Z 0J3	2015	5.35	\$ 435,286.00	\$ 81,361.87	\$ 90,448.25	\$ 483,898.16
4	PE10	Northern Dancer PS (Unnamed Windfield Farms Oshawa)	2200 Bridle Rd, Oshawa, ON L1L 0B4	2018	6.08	\$ 818,276.00	\$ 134,584.87	\$ 140,406.74	\$ 853,672.95
5.	PE10	Sherwood PS (Tonno PS assumed)	633 Ormond Dr, Oshawa, ON L1K 2W6	2004	5.20	\$ 259,983.00	\$ 49,996.73	\$ 70,157.69	\$ 364,819.97
6.	PE10	North Oshawa (also cited as Unnamed Greenhill/Forest Hills PS site)	Greenhill & Forest Hills, Oshawa	2018	5.94	\$ 437,426.00	\$ 73,640.74	\$ 76,826.29	\$ 456,348.16
7.	PE11	Unnamed Beaverton/Thorah PS	Brock Township	2019	0.24	\$ 11,863.00	\$ 48,818.93	\$ 49,863.66	\$ 12,116.87
8.	PS04	Brooklin HS (Unnamed Brooklin SS)	20 Carnwith Dr W, Brooklin, ON L1M 0K7	2015	14.81	\$ 1,681,023.00	\$ 113,505.94	\$ 126,182.13	\$ 1,868,757.39
<b>TOTALS</b>					<b>49.48</b>	<b>\$ 5,875,248</b>	<b>\$ 118,733</b>		<b>\$ 129,885</b>

Value to be Included in 2019 EDC Submission	\$ 129,900
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## CHAPTER 7 - EDUCATION DEVELOPMENT CHARGE CALCULATION

The basis for the calculation of the jurisdiction-wide schedule of education development charges for the Durham Catholic District School Board is documented in the Board's Education Development Charges Submission to the Ministry of Education and found in Appendix A.

### 7.1 Growth Forecast Assumptions

The net education land costs and EDC calculations for the Board were based on the following forecast of net new dwelling units for the mid-2019 to mid-2034 period, as detailed in Chapter 4 of this report:

#### RESIDENTIAL:

Net New Units	102,676
Average units per annum	6,845

#### NON-RESIDENTIAL:

The forecast of non-residential (includes commercial, industrial and institutional development) building permit value over the mid-2019 to mid-2034 period, as detailed in Chapter 4 of this report, is summarized as follows:

Net Gross Floor Area (GFA)	61,320,251 square feet
Average annual GFA	4,088,017 square feet

### 7.2 EDC Pupil Yields

In addition, the Board's education development charge calculations were based on assumptions respecting the number of pupils generated, per dwelling unit type (with separate pupil yields applied to each type), by municipality, and by panel (elementary versus secondary) from new development, as set out in the Review Area Form Fs in Appendix A and described in detail in Chapter 5 of this report.

Table 7-1 sets out the EDC pupil yields utilized to determine the number of pupils generated from new development and the yields attributable to the DCDSB based on a spatial matching of DCDSB student data and MPAC housing data. A 'zero' yield was applied to student housing and purpose-built seniors housing units.

TABLE 7-1

**DURHAM CATHOLIC DISTRICT SCHOOL BOARD****Education Development Charges Submission 2019****Elementary Panel****DCDSB EDC 2019 Weighted Blended Pupil Yields**

Review Area	Total Cumulative 15 Year New Net Unit Projections (1)	SINGLE and SEMI- DETACHED	MEDIUM DENSITY	APARTMENTS (includes purpose- built seniors housing and student housing)	TOTAL UNITS
CE01 - Pickering South	9,202	0.1563	0.1223	0.0106	0.0456
CE02 - Pickering Seaton	22,647	0.1581	0.0997	0.0200	0.0968
CE03 - Pickering Northeast	3,574	0.0982	0.0800	0.0070	0.0747
CE04 - Ajax	6,558	0.1543	0.1233	0.0100	0.0635
CE05 - Whitby South & Central	14,983	0.1744	0.1203	0.0181	0.0865
CE06 - Whitby North & Brooklin	22,464	0.1708	0.0914	0.0054	0.1338
CE07 - Oshawa South & Central	4,620	0.1574	0.0421	0.0167	0.0380
CE08 - Oshawa North	13,121	0.1553	0.0429	0.0071	0.0827
CE09 - Brock, Scugog & Uxbridge	5,507	0.0766	0.0424	0.0063	0.0562
<b>TOTAL</b>	<b>102,676</b>	<b>0.1549</b>	<b>0.0922</b>	<b>0.0136</b>	<b>0.0893</b>

**Secondary Panel**

Review Area	Total Cumulative 15 Year New Net Unit Projections (1)	SINGLE and SEMI- DETACHED	MEDIUM DENSITY	APARTMENTS (includes purpose- built seniors housing and student housing)	TOTAL UNITS
CS01 - South of Taunton Rd.	38,937	0.0515	0.0403	0.0073	0.0245
CS02 - North of Taunton Rd.	41,092	0.0337	0.0266	0.0052	0.0272
CS03 - Seaton & North Pickering	22,647	0.0754	0.0381	0.0088	0.0419
<b>TOTAL</b>	<b>102,676</b>	<b>0.0450</b>	<b>0.0346</b>	<b>0.0072</b>	<b>0.0294</b>

### 7.3 Determination of Net Growth-Related Pupil Place Requirement

The determination of the number of growth-related pupil places eligible for EDC funding involves three key steps. The analysis required to complete each of these steps was undertaken for each of the growth forecast sub-areas, or review areas, discussed in Chapter 3. Generally, the steps required to determine the number of net growth-related pupil places by review area, are as follows:

1. Populate each Review Area model with each of the schools having attendance boundaries within the individual Review Area.
2. Determine the Requirements of New Development (ROND), which is the number of pupils generated from the dwelling units forecasted to be constructed over the 15-year forecast period.
3. Determine the Requirements of the Existing Community (although this is not a legislative requirement) which is the projected enrolment (i.e. headcount enrolment for the elementary panel and ADE enrolment for the secondary panel) over the 15-year forecast period. This

projection of the Requirements of the Existing Community includes pupils generated from new housing development in previous EDC by-law periods (now considered pupils of the existing community) that continue to be temporarily accommodated in existing schools awaiting additional pupil places to be constructed in their resident area. The EDC Guidelines remind school boards to include these pupils in the determination of growth-related net education land costs where they were recognized under a previous by-law but the growth-related lands have not been acquired as yet. Any capacity used to accommodate these students is not deducted in determining growth-related needs where the accommodation situation is temporary in nature. In other words, these students do not have any assigned capacity until such time as their permanent accommodation is constructed, where the construction of the additional pupil places is consistent with the board's long-term capital priorities and recognized in a previous EDC by-law.

4. Distinguish between the Review Area schools having new residential development within the school's attendance boundary and for which additional student accommodation will be required, and schools having little or no residential development or sufficient surplus spaces that in the opinion of the board, can be used to accommodate the increase in enrolment.
5. Finally, subtract any residual surplus and available pupil places that, in the opinion of the board, are available to accommodate pupils generated by new housing development. The ROND attributable to schools for which no additional accommodation solution is required are not part of the determination Net Growth-related Pupil Places (NGRPP).
6. In determining the NGRPP entitlement going forward account for all additional school capacity previously funded from capital allocations, including projects that will be constructed and operational in the year following by-law adoption, and for which the Board is in the process of acquiring land necessary, or has recently acquired land necessary to create a new school site or school site expansion. Any expenditures made from the EDC account to pay for these transitional needs must be deducted from the determination of net education land costs so as to avoid any potential for double-counting.
7. The net growth-related pupil place entitlement is subsequently incorporated into the Form G to determine the appropriate net education land costs based on aligning the EDC identified needs with the DCDSB's long-term student accommodation strategies.

## Determining Net Growth-related Pupil Place Requirements

Table 7-2 sets out the projected net growth-related pupil place requirements (assuming a jurisdiction-wide approach to the calculation), including the determination of the requirements of the new development and the requirements of the existing community, by panel for the Durham Catholic DSB.

## DURHAM CATHOLIC DISTRICT SCHOOL BOARD

**TABLE 7-2**  
Summary Determination of Net Growth-Related Pupil Places

	<b>JK-8</b>	<b>Gr 9-12</b>	<b>TOTALS</b>
OTG Capacity	14,908	6,729	21,637
Projected 2033/2034 Enrolment (Existing Community)	11,338	5,860	17,198
Requirements of New Development 2033/2034 (Headcount Elementary)	9,167	3,021	12,188
Less: NGRPP to be Accommodated in Existing Facilities	(3,622)	(609)	(4,230)
# of NGRPP Included in EDC Rate	5,546	2,412	7,958

### 7.4 Approved Capital Cost Per Pupil

Paragraphs 4-10 of Section 7 of O. Reg. 20/98 set out the steps involved in moving from growth-related new school pupils to obtain “the growth-related net education land costs.” Generally, these steps are as follows:

1. Estimate the net education land cost for the elementary and secondary school sites required to provide new pupil places.
2. Estimate the balance of the existing EDC account, on the day prior to inception of the new EDC by-law, if any. If the balance is positive, subtract the balance from the net education land costs. If the balance is negative, add the balance (in a positive form) to the net education land costs. In estimating the balance in the account, the Board is entitled to account for actual rather than projected growth-related needs.
3. Determine the portion of the charges related to residential development and to non-residential development if the Board intends to impose a non-residential charge.
4. Differentiate the residential development charge by unit type if the Board intends to impose a variable residential rate. Instructions setting out the methodological approach to differentiate the residential charge can be found in the Education Development Charge Guidelines (Spring 2002) prepared by the Ministry of Education.

### 7.5 Net Education Land Costs and Forms E, F and G

The total net education land costs for the Durham Catholic District School Board including escalation of land over the term of the by-law (five years), site acquisition costs, site development costs, associated financing costs and study costs, less any EDC account balances, are \$ 411,114,704 to be recovered from 102,676 “net” new units.

The Board does not anticipate being in a position to designate any operating budget funds for the purpose of acquiring school sites. In addition, the Board has not been presented with any viable alternative accommodation arrangements that would serve to reduce the charge. However, the Board did not consider updated resolutions respecting these policies as they are no longer required under O. Reg. 438/18.

### **EDC Submission (Form E, F and G):**

The Review Area sheets set out in Appendix A detail the following information for each elementary and secondary Review Area:

- the cumulative number of forecasted new dwelling units by type;
- the weighted/blended pupil yield by unit type and the number of growth-related pupil places generated by the 15-year housing forecast (Forms E and F);
- the existing schools within each review area, the SFIS # and the OTG capacity for EDC purposes, as well as the number of portables and the acreage for each school site;
- the projected existing community enrolment;
- the cumulative requirements of new development and the determination of the number of available and surplus pupil places;
- the number of net growth-related pupil places (i.e. the number of eligible pupil places);
- comments detailing each Board’s capital priorities, and the determination of the number of NGRPP;
- a description of the growth-related site acquisition needs, the number of eligible acres, the anticipated cost per acre, the site preparation costs, financing costs and total education land costs (Form G).

## **7.6 EDC Accounts**

Section 7(5) of O. Reg. 20/98 (as amended by 473/98 and O. Reg. 193/10) states that:

“The Board shall estimate the balance of the education development charge reserve fund, if any, relating to the area in which the charges are to be imposed. The estimate shall be an estimate of the balance immediately before the day the board intends to have the by-law come into force.”

“The Board shall adjust the net education land cost with respect to any balance estimated. If the balance is positive, the balance shall be subtracted from the cost. If the balance is negative, the balance shall be converted to a positive number and added to the cost.”

Table 7-3 summarizes the EDC account collections to from September 1, 1999 to April 30, 2019 for the Durham Catholic DSB. The collections cover the period which corresponds to

implementation of the original EDC by-law - to projected collections to April 30, 2019, and includes collections from residential development, as well as any proceeds from the disposition of surplus properties (i.e., to the extent that the disposed of site was previously funded through education development charges), any interest earned on the account to date, any interest expense on account deficits to date and any refunds or overpayments during this time period. The total collections for the period September 1, 1999 to August 31, 2018 are \$38,733,583 as shown in Table 7-3.

Section 7(5) of O. Reg 20/98 requires that a board estimate the EDC account collections and eligible expenditures on the day immediately before the day the board intends to have the new by-law come into force. This “estimate” is typically undertaken several months in advance of the implementation of the new by-law. Actual collections for the period September through April during the last 3 years was used as the basis for estimating additional EDC collections for the September 1, 2018 to April 30, 2019 period. Additional revenue of \$1.22 million is assumed, prior to successor by-law implementation.

Table 7-3 also calculates the “estimated” EDC account balance as of April 30, 2019 which is the day before the in-force date of the proposed by-law. The total EDC collections as at April 30, 2019 are estimated to be \$39,953,583. When EDC expenditures are taken into consideration for the same time period, the account balance as of April 30, 2019 is projected to be a deficit of \$ 10,939,346.

**TABLE 7-3**  
**DURHAM CATHOLIC DISTRICT SCHOOL BOARD**  
EDC Revenue September 1, 1999 to April 30, 2019

Date	EDC Funds	Cumulative EDC Funds
Balance Carried Forward from DCA, 1989	-\$404,128.00	-\$404,128.00
<i>EDC Revenue September 1, 1999 to August 31, 2000 (less refunds &amp; interest expense plus accrued interest)</i>	\$2,087,929.69	\$1,683,801.69
<i>EDC Revenue September 1, 2000 to August 31, 2001 (less refunds &amp; interest expense plus accrued interest)</i>	\$2,748,646.00	\$4,432,447.69
<i>EDC Revenue September 1, 2001 to August 31, 2002 (less refunds &amp; interest expense plus accrued interest)</i>	\$3,555,433.00	\$7,987,880.69
<i>EDC Revenue September 1, 2002 to August 31, 2003 (less refunds &amp; interest expense plus accrued interest)</i>	\$4,223,956.00	\$12,211,836.69
<i>EDC Revenue September 1, 2003 to August 31, 2004 (less refunds &amp; interest expense plus accrued interest)</i>	\$3,491,724.00	\$15,703,560.69
<i>EDC Revenue September 1, 2004 to August 31, 2005 (less refunds &amp; interest expense plus accrued interest)</i>	\$1,647,855.00	\$17,351,415.69
<i>EDC Revenue September 1, 2005 to August 31, 2006 (less refunds &amp; interest expense plus accrued interest)</i>	\$1,678,071.00	\$19,029,486.69
<i>EDC Revenue September 1, 2006 to August 31, 2007 (less refunds &amp; interest expense plus accrued interest)</i>	\$1,134,679.00	\$20,164,165.69
<i>EDC Revenue September 1, 2007 to August 31, 2008 (less refunds &amp; interest expense plus accrued interest)</i>	\$1,317,243.00	\$21,481,408.69
<i>EDC Revenue September 1, 2008 to August 31, 2009 (less refunds &amp; interest expense plus accrued interest)</i>	\$800,290.00	\$22,281,698.69
<i>EDC Revenue September 1, 2009 to August 31, 2010 (less refunds &amp; interest expense plus accrued interest)</i>	\$1,206,077.00	\$23,487,775.69
<i>EDC Revenue September 1, 2010 to August 31, 2011 (less refunds &amp; interest expense plus accrued interest)</i>	\$1,290,826.00	\$24,778,601.69
<i>EDC Revenue September 1, 2011 to August 31, 2012 (less refunds &amp; interest expense plus accrued interest)</i>	\$1,173,633.00	\$25,952,234.69
<i>EDC Revenue September 1, 2012 to August 31, 2013 (less refunds &amp; interest expense plus accrued interest)</i>	\$1,414,467.00	\$27,366,701.69
<i>EDC Revenue September 1, 2013 to August 31, 2014 (less refunds &amp; interest expense plus accrued interest)</i>	\$1,404,893.00	\$28,771,594.69
<i>EDC Revenue September 1, 2014 to August 31, 2015 (less refunds &amp; interest expense plus accrued interest)</i>	\$1,987,062.00	\$30,758,656.69
<i>EDC Revenue September 1, 2015 to August 31, 2016 (less refunds &amp; interest expense plus accrued interest)</i>	\$1,620,214.00	\$32,378,870.69
<i>EDC Revenue September 1, 2016 to August 31, 2017 (less refunds &amp; interest expense plus accrued interest)</i>	\$4,441,185.00	\$36,820,055.69
<i>EDC Revenue September 1, 2017 to August 31, 2018 (less refunds &amp; interest expense plus accrued interest)</i>	\$1,913,527.00	\$38,733,582.69
Plus:		
Projected EDC Revenue September 1, 2019 - April 30, 2019	\$1,220,000.00	\$39,953,582.69
<b>Total Net EDC Revenue September 1, 1999 to April 30, 2019</b>		<b>\$39,953,582.69</b>
<b>Projected EDC Account Balance as of April 30, 2019</b>		<b>-\$10,939,346.31</b>

Table 7-4 determines the eligible EDC expenditures for the Board and details site acquisition costs, “net” site preparation and development costs, and study costs. The analysis outlines all EDC expenditures since September 1, 1999 and to August 31, 2018, as well as Board-approved

expenditures to March 31, 2019. The consultants worked with Board staff to reconcile all expenditures since the original by-law adoption; ensure all expenditure entries were EDC-eligible and removed any ineligible expenditures; determined the percentage site eligibility based on the reconciliation of growth-related entitlement. The portion of the expenditures eligible to be funded through education development charges is shown within each by-law period and a cumulative EDC account balance is determined.

The EDC-eligible expenditures to date total \$50,892,929.

**TABLE 7-4**  
**DURHAM CATHOLIC DISTRICT SCHOOL BOARD**  
**EDC ACCOUNT RECONCILIATION - EDC Expenditures**

	Property Acquired	Property Size (acres)	2019 Review Area Reference	% Growth-related	EDC Expenditures	Cumulative Expenditures	% of EDC Eligible Site Costs Funded to Date	Unfunded Financial Obligations Cumulative	Site Acquisition Costs	Site Preparation or Study Costs
	<b>EDC Expenditures September 1, 1999 to June 30, 2004</b>									
By-law #1 September 1, 1999 to June 30, 2004	Study Costs			100%	\$ 92,738	\$ 92,738	100.0%	\$ -		\$ 92,738.00
	Other Eligible Costs			100%	\$ 300,707	\$ 393,445	100.0%	\$ -		\$ 300,707.00
	St.Kateri Tekakwitha (Silwell CES (CE09))	5.02	CE08	100%	\$ 9,183	\$ 402,628	100.0%	\$ -		\$ 9,183.00
	Good Shepherd CES (CE11)	6.02	CE09	100%	\$ 8,700	\$ 411,328	100.0%	\$ -	\$ 2,686.00	\$ 6,014.00
	South Ajax (Shoal Point A3?) elementary (CE03) site sold?		CE03	100%	\$ 8,918	\$ 420,246	100.0%	\$ -	\$ 780.00	\$ 8,138.00
	St. Luke the Evangelist CES, Whitby (CE06)	5.97	CE05	100%	\$ 1,674,258	\$ 2,094,504	100.0%	\$ -	\$ 1,139,492.00	\$ 534,766.00
	All Saints Catholic Secondary, Whitby (CS04)	14.96	CS02	100%	\$ 2,557,270	\$ 4,651,774	100.0%	\$ -	\$ 2,348,446.00	\$ 208,824.00
	Notre Dame Catholic Secondary, Ajax Multi-use (CS02)	21.28	CS01	100%	\$ 1,343,182	\$ 5,994,956	100.0%	\$ -	\$ 1,324,382.00	\$ 18,800.00
	Pinecrest #1 elementary (South Oshawa CE08)		CE07	100%	\$ 2,671	\$ 5,997,627	100.0%	\$ -		\$ 2,671.00
	Lynde Shores elementary (CE06B)		CE05	100%	\$ 2,514	\$ 6,000,141	100.0%	\$ -		\$ 2,514.00
	St. Josephine Bakita (Williamson, Ajax) CE04	4.92	CE04	100%	\$ 1,696	\$ 6,001,837	100.0%	\$ -	\$ 1,696.00	
	South West Holding			100%	\$ 383	\$ 6,002,220	100.0%	\$ -	\$ 383.00	
	St. Joseph, Oshawa (CE08)	5.83	CE07	100%	\$ 1,141,023	\$ 7,143,243	100.0%	\$ -	\$ 1,141,023.00	
	St. Mark the Evangelist (Gerrard/Dryden (Whitby CE06A))	6.00	CE05	100%	\$ 383	\$ 7,143,626	100.0%	\$ -	\$ 383.00	
	Msgr. John Pereyima (CE08)	11.62	CS01	100%	\$ 192,280	\$ 7,335,906	100.0%	\$ -	\$ 192,280.00	
	Whitby West (CE07)		CE05	100%	\$ 535	\$ 7,336,441	100.0%	\$ -	\$ 535.00	
	Taunton/Coronation North Whitby (CE07)		CE07	100%	\$ 76	\$ 7,336,517	100.0%	\$ -	\$ 76.00	
	St. André Bessette (Brother Andre (Ajax A6))	6.20	CE04	100%	\$ 78,701	\$ 7,415,218	100.0%	\$ -	\$ 78,701.00	
	St. Brigid (Brooklin West (CE07))	6.26	CE06	100%	\$ 1,411,556	\$ 8,826,774	100.0%	\$ -	\$ 1,411,556.00	
	St. Leo (CE07)	5.06	CE06	100%	\$ 2,446	\$ 8,829,220	100.0%	\$ -	\$ -	\$ 2,446.00
Adjustments to Balance to Financial Statements			100%	\$ 2	\$ 8,829,222	100.0%	\$ -	\$ 1.03	\$ 0.97	
	<b>EDC Expenditures July 1, 2004 to May 3, 2009</b>									
By-law #2 July 1, 2004 to May 3, 2009	Study Costs			100%	\$ 151,239	\$ 8,980,461	100.0%	\$ -	\$ -	\$ 151,239.00
	Other Eligible Costs			100%	\$ 3,838	\$ 8,984,299	100.0%	\$ -	\$ -	\$ 3,838.00
	St. Josephine Bakita (Williamson, Ajax) CE04	4.92	CE04	100%	\$ 1,653,554	\$ 10,637,853	100.0%	\$ -	\$ 1,653,554.00	\$ -
	Brooklin CSS site	14.04	CS03	100%	\$ 5,933,085	\$ 16,570,938	100.0%	\$ -	\$ 5,933,085.00	\$ -
	Good Shepherd CES (CE11)	6.02	CE09	100%	\$ 7,259	\$ 16,578,197	100.0%	\$ -	\$ 7,259.00	\$ -
	Lynde Shores elementary (CE06B)		CE05	100%	\$ 1,737,902	\$ 18,316,099	100.0%	\$ -	\$ 1,737,902.00	\$ -
	St. Francis de Sales (CE04)	7.34	CE04	100%	\$ 12,344	\$ 18,328,443	100.0%	\$ -	\$ 12,344.00	\$ -
	St. Joseph, Oshawa (CE08)	5.83	CE07	100%	\$ 17,418	\$ 18,345,861	100.0%	\$ -	\$ 17,418.00	\$ -
	Notre Dame Catholic Secondary, Ajax Multi-use (CS02)	21.28	CS02	100%	\$ 315	\$ 18,346,176	100.0%	\$ -	\$ 315.00	\$ -
	St. André Bessette (Brother Andre (Ajax A6))	6.20	CE04	100%	\$ 175,870	\$ 18,522,046	100.0%	\$ -	\$ (10,000.00)	\$ 185,870.00
	St.Kateri Tekakwitha (Silwell CES (CE09))	5.02	CE08	100%	\$ 1,769,674	\$ 20,291,720	100.0%	\$ -	\$ 1,769,674.00	\$ -
	St. Bernadette	8.50	CE04	100%	\$ 1,448	\$ 20,293,168	100.0%	\$ -	\$ 1,448.00	\$ -
	Adjustments to Balance to Financial Statements 2004/05			100%	\$ 58,543	\$ 20,351,711	100.0%	\$ -	\$ 58,543.00	\$ -
		<b>EDC Expenditures May 4, 2009 to April 28, 2014</b>								
By-law #3 May 4, 2009 to April 28, 2014	Study Costs			100%	\$ 38,322	\$ 20,390,033	100.0%	\$ -	\$ -	\$ 38,322.00
	Other Eligible Costs			100%	\$ 481,062	\$ 20,871,095	100.0%	\$ -	\$ -	\$ 481,062.00
	St. John Paul II (Brooklin East) (CE07)	5.19	CE06	100%	\$ 2,894,509	\$ 23,765,604	100.0%	\$ -	\$ 2,659,943.00	\$ 234,566.00
	St. Josephine Bakita (Williamson, Ajax) CE04	4.92	CE04	100%	\$ 2,506,433	\$ 26,272,037	100.0%	\$ -	\$ 2,506,433.00	\$ -
	Future Brooklin CHS (CS04)	0.00	CS03	100%	\$ 2,454	\$ 26,274,491	100.0%	\$ -	\$ 2,454.00	\$ -
	Notre Dame Catholic Secondary, Ajax Multi-use (CS02)	21.28	CS01	100%	\$ 47,532	\$ 26,322,023	100.0%	\$ -	\$ 47,532.00	\$ -
	Bridle Road - Windfield, North Oshawa (CE09)	6.03	CE08	100%	\$ 377,620	\$ 26,699,643	100.0%	\$ -	\$ 377,620.00	\$ -
	<b>EDC Expenditures April 29, 2014 to April 30, 2019</b>									
By-law #4 April 29, 2014 to April 30, 2019	Study Costs			100%	\$ 135,102	\$ 26,834,745	100.0%	\$ -	\$ -	\$ 135,102.00
	Other Eligible Costs			100%	\$ 431,626	\$ 27,266,371	100.0%	\$ -	\$ -	\$ 431,626.00
	Bridle Road - Windfield, North Oshawa (CE09)	6.03	CE08	100%	\$ 7,892,634	\$ 35,159,005	100.0%	\$ -	\$ 7,892,634.00	\$ -
	Audley Rd., Ajax	5.51	CE04	100%	\$ 15,075,294	\$ 50,234,299	68.2%	\$ (10,280,716)	\$ 15,075,294.00	\$ -
	St. Brigid (Brooklin West (CE07))	6.26	CE06	100%	\$ 74,757	\$ 50,309,056	13852.2%	\$ (10,355,473)		\$ 74,757.00
	St. James addition (site prep costs only)	5.04	CE04	100%	\$ 425,087	\$ 50,734,143	2536.1%	\$ (10,780,560)		\$ 425,087.00
	St.Kateri Tekakwitha (Silwell CES (CE09))	5.02	CE08	100%	\$ 158,786	\$ 50,892,929	6889.4%	\$ (10,939,346)		\$ 158,786.00
				\$ 50,892,929				\$ 47,385,872.03	\$ 3,507,056.97	



## 7.7 Cash Flow Analysis and Forms H1 and H2

Table 7-5 set outs a fifteen-year cashflow analysis of the proposed capital expenditure program for school sites.

The quantum of the charge is determined on the basis of an 100%/0% residential/non-residential share, for the Board. As well, a sensitivity analysis is provided, for various non-residential ratios ranging between 0% and 40%.

Where EDC collections in any given year are insufficient to cover the cost of EDC expenditures, then interim financing in the form of a Line of Credit has been applied, with an interest rate of 5.8% consistent with recent experience elsewhere.

The cash flow methodology is consistent with that undertaken by municipalities for DC studies and is described as follows:

### **Cash Flow Assumptions:**

- site acquisition costs are assumed to escalate by 7.0% to Year 5 of the forecast period;
- site development costs are assumed to escalate at 2.00% per annum consistent with the background information provided in Chapter 6;
- site acquisition costs are inflated only over the term of the by-law period (five years); site development costs are escalated over the full fifteen-year forecast period;
- the Education Development Charge account accrues 2.3% interest earnings per annum;
- interim financing requirements are assumed to come from the Board's internal working capital up to \$10.0 million per year.

Scenario Comments:	
DURHAM CATHOLIC DISTRICT SCHOOL BOARD	
BOTH PANELS	

**TABLE 7-5**  
**DURHAM CATHOLIC DISTRICT SCHOOL BOARD**

Cashflow Analysis for Both Panels (Total Jurisdiction)

Current (2019) \$

FORM H2 - Using Municipal DC New Occupied Dwellings PPU's					
Type of Development (Form B/C)	Net New Units	Total Requirements of New Development	Distribution Factor	Net Education Land Cost by Development Type	Differentiated Residential EDC Per Unit
Low Density	37,236	7,445	59.48%	\$ 244,531,595.26	\$ 6.567
Medium Density	31,917	4,047	26.25%	\$ 107,930,052.16	\$ 3.382
High Density	33,523	696	14.27%	\$ 58,653,056.58	\$ 1.750
<b>TOTALS</b>	<b>102,676</b>	<b>12,188</b>	<b>100%</b>	<b>\$ 411,114,704.00</b>	<b>\$ 4.004</b>

DURHAM CATHOLIC DISTRICT SCHOOL BOARD Proposed EDC Rates		
Non-Residential Share	Residential Rate	Non-Residential Rate
0%	\$4,004	\$0.00
5%	\$3,804	\$0.34
10%	\$3,604	\$0.67
15%	\$3,403	\$1.01
20%	\$3,203	\$1.34
25%	\$3,003	\$1.68
40%	\$2,402	\$2.68

Cashflow Assumptions	
A. EDC Account interest earnings (per annum)	2.30%
B. Credit Line Borrowing Rate	5.80%

Board indicates borrowing limit at \$30.0 million

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
	2019/ 2020	2020/ 2021	2021/ 2022	2022/ 2023	2023/ 2024	2024/ 2025	2025/ 2026	2026/ 2027	2027/ 2028	2028/ 2029	2029/ 2030	2030/ 2031	2031/ 2032	2032/ 2033	2033/ 2034
<b>Revenues</b>															
1 Alternative Accommodation Arrangements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 Operating Budget Surplus	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3 Credit Line Borrowing	\$ -	\$ 6,000,000	\$ -	\$ -	\$ -	\$ 8,000,000	\$ -	\$ 5,000,000	\$ -	\$ 8,000,000	\$ 17,000,000	\$ -	\$ -	\$ -	\$ -
4 Subtotal	\$ -	\$ 6,000,000	\$ -	\$ -	\$ -	\$ 8,000,000	\$ -	\$ 5,000,000	\$ -	\$ 8,000,000	\$ 17,000,000	\$ -	\$ -	\$ -	\$ -
5 Estimated EDC Revenue (Residential) <b>Per Unit \$ 4.004</b>	\$ 25,861,836	\$ 31,655,624	\$ 29,885,856	\$ 33,229,196	\$ 27,963,936	\$ 23,299,276	\$ 24,892,868	\$ 34,005,972	\$ 29,057,028	\$ 28,304,276	\$ 27,175,148	\$ 29,645,616	\$ 25,113,088	\$ 23,723,700	\$ 17,301,284
6 Estimated EDC Revenue (Non-Residential) <b>Per Sq.Ft \$ -</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7 Subtotal EDC Revenue	\$ 25,861,836	\$ 31,655,624	\$ 29,885,856	\$ 33,229,196	\$ 27,963,936	\$ 23,299,276	\$ 24,892,868	\$ 34,005,972	\$ 29,057,028	\$ 28,304,276	\$ 27,175,148	\$ 29,645,616	\$ 25,113,088	\$ 23,723,700	\$ 17,301,284
8 Total Revenue	\$ 25,861,836	\$ 37,655,624	\$ 29,885,856	\$ 33,229,196	\$ 27,963,936	\$ 31,299,276	\$ 24,892,868	\$ 39,005,972	\$ 29,057,028	\$ 36,304,276	\$ 44,175,148	\$ 29,645,616	\$ 25,113,088	\$ 23,723,700	\$ 17,301,284
<b>Expenditures</b>															
9 Site acquisition costs	\$ 24,000,000	\$ 36,448,973	\$ 19,802,277	\$ 19,110,671	\$ 26,786,115	\$ 45,342,744	\$ 16,996,816	\$ 40,309,337	\$ 16,830,621	\$ 39,201,321	\$ 39,201,321	\$ 23,184,180	\$ -	\$ 23,537,297	\$ -
10 Site preparation costs <sup>1</sup>	\$ -	\$ -	\$ 2,768,745	\$ 1,102,808	\$ 1,124,864	\$ 745,785	\$ 1,604,092	\$ 1,842,051	\$ 1,877,255	\$ 1,875,330	\$ 950,084	\$ 1,389,023	\$ 1,416,804	\$ 925,898	\$ 1,246,952
11 Study Costs	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000	\$ -	\$ -	\$ -	\$ -	\$ 105,000	\$ -	\$ -	\$ -	\$ 105,000
12 Subtotal Projected Expenditures	\$ 24,105,000	\$ 36,448,973	\$ 22,571,022	\$ 20,213,479	\$ 27,910,979	\$ 46,193,529	\$ 18,600,908	\$ 42,151,388	\$ 18,707,876	\$ 41,076,651	\$ 40,256,405	\$ 24,573,203	\$ 1,416,804	\$ 24,463,195	\$ 1,351,952
13 Credit Line Borrowing Costs - Principal	\$ -	\$ 1,273,766	\$ 1,258,997	\$ 1,333,992	\$ 1,413,454	\$ 1,141,970	\$ 1,089,137	\$ 931,714	\$ 911,678	\$ 3,383,249	\$ 2,708,105	\$ 2,612,598	\$ 2,768,222	\$ 2,933,117	\$ 3,107,833
14 Credit Line Borrowing Costs - Interest	\$ -	\$ 226,234	\$ 241,003	\$ 166,008	\$ 86,546	\$ 358,030	\$ 410,863	\$ 568,286	\$ 588,322	\$ 816,751	\$ 1,491,895	\$ 1,587,402	\$ 1,431,778	\$ 1,266,883	\$ 1,092,167
15 Subtotal Borrowing Expenditures	\$ -	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 4,200,000	\$ 4,200,000	\$ 4,200,000	\$ 4,200,000	\$ 4,200,000	\$ 4,200,000
16 Total Expenditures	\$ 24,105,000	\$ 37,948,973	\$ 24,071,022	\$ 21,713,479	\$ 29,410,979	\$ 47,693,529	\$ 20,100,908	\$ 43,651,388	\$ 20,207,876	\$ 45,276,651	\$ 44,456,405	\$ 28,773,203	\$ 5,616,804	\$ 28,663,195	\$ 5,551,952
17 Net Revenues/(Expenditures)	\$ 1,756,836	\$ (293,349)	\$ 5,814,834	\$ 11,515,718	\$ (1,447,043)	\$ (16,394,253)	\$ 4,791,960	\$ (4,645,416)	\$ 8,849,152	\$ (8,972,375)	\$ (281,257)	\$ 872,413	\$ 19,496,285	\$ (4,939,495)	\$ 11,749,332
<b>EDC Eligibility Analysis</b>															
18 EDC Account, Opening Balance	\$ (10,939,346)	\$ (9,182,510)	\$ (9,475,859)	\$ (3,661,025)	\$ 7,854,692	\$ 6,539,243	\$ (9,724,189)	\$ (4,932,229)	\$ (9,577,645)	\$ (728,493)	\$ (9,700,868)	\$ (9,982,125)	\$ (9,109,712)	\$ 10,386,573	\$ 5,447,078
19 Revenue Minus Expenditures	\$ 1,756,836	\$ (293,349)	\$ 5,814,834	\$ 11,515,718	\$ (1,447,043)	\$ (16,394,253)	\$ 4,791,960	\$ (4,645,416)	\$ 8,849,152	\$ (8,972,375)	\$ (281,257)	\$ 872,413	\$ 19,496,285	\$ (4,939,495)	\$ 11,749,332
20 Sub total	\$ (9,182,510)	\$ (9,475,859)	\$ (3,661,025)	\$ 7,854,692	\$ 6,407,650	\$ (9,855,010)	\$ (4,932,229)	\$ (9,577,645)	\$ (728,493)	\$ (9,700,868)	\$ (9,982,125)	\$ (9,109,712)	\$ 10,386,573	\$ 5,447,078	\$ 17,196,410
21 Credit Line - Principal Due at year end	\$ -	\$ (4,726,234)	\$ (3,467,237)	\$ (2,133,246)	\$ (719,792)	\$ (7,577,822)	\$ (6,488,685)	\$ (10,556,971)	\$ (9,645,293)	\$ (14,262,044)	\$ (28,553,938)	\$ (25,941,341)	\$ (23,173,119)	\$ (20,240,002)	\$ (17,132,169)
22 Sub total	\$ (9,182,510)	\$ (14,202,094)	\$ (7,128,263)	\$ 5,721,447	\$ 5,687,858	\$ (17,432,832)	\$ (11,420,914)	\$ (20,134,616)	\$ (10,373,786)	\$ (23,962,911)	\$ (38,536,063)	\$ (35,051,052)	\$ (12,786,546)	\$ (14,792,924)	\$ 64,241
23 Interest Earnings (12 months on Sub-total)	\$ -	\$ -	\$ -	\$ -	\$ 131,593	\$ 130,821	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24 EDC 15-Year Forecast Account Closing Balance (includes O/S Principal owed)	\$ (9,182,510)	\$ (14,202,094)	\$ (7,128,263)	\$ 5,721,447	\$ 5,819,451	\$ (17,302,011)	\$ (11,420,914)	\$ (20,134,616)	\$ (10,373,786)	\$ (23,962,911)	\$ (38,536,063)	\$ (35,051,052)	\$ (12,786,546)	\$ (14,792,924)	\$ 64,241
25 EDC Unfunded Financial Obligation Account Closing Balance <sup>2</sup>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26 EDC 15-Year Forecast Account Closing Balance (includes O/S Principal owed)	\$ (9,182,510)	\$ (14,202,094)	\$ (7,128,263)	\$ 5,721,447	\$ 5,819,451	\$ (17,302,011)	\$ (11,420,914)	\$ (20,134,616)	\$ (10,373,786)	\$ (23,962,911)	\$ (38,536,063)	\$ (35,051,052)	\$ (12,786,546)	\$ (14,792,924)	\$ 64,241
27 EDC 15-Year Forecast Cash Closing Balance (excludes O/S Principal owed)	\$ (9,182,510)	\$ (9,475,859)	\$ (3,661,025)	\$ 7,854,692	\$ 6,539,243	\$ (9,724,189)	\$ (4,932,229)	\$ (9,577,645)	\$ (728,493)	\$ (9,700,868)	\$ (9,982,125)	\$ (9,109,712)	\$ 10,386,573	\$ 5,447,078	\$ 17,196,410

<sup>1</sup> No escalation applied beyond the 15-year timeframe.

<sup>2</sup> Includes any EDC Account surplus/deficit accruing from the Board's existing EDC by-law.

Total debt (principal only):	26,867,831
Total debt payments (principal and interest):	37,200,000
Debt at end of forecast period (principal only):	17,132,169
Year in which outstanding debt is fully funded:	2033/34

### *Explanation of the Cash Flow Analysis:*

#### A. Revenues

- Line 1 incorporates any offsetting reduction to the charge resulting from alternative accommodation arrangements the Board has entered into, or proposes to enter into.
- Line 2 incorporates any operating budget surplus that the Board has available to offset net education land costs.
- Line 3 incorporates proposed borrowing against a Line of Credit with a prime Canadian bank. Line 3 involves an iterative process wherein interim (Line of Credit) financing is incorporated, where required, in order to ensure that the “closing balance” on Line 27 does not exceed a negative balance of \$10.0 million (i.e. the cash flow analysis contemplates that the Board will utilize up to \$10.0 million of the Board’s internal working capital in any given year as short-term cash flow financing and that the EDC account balance is close to a ‘zero’ balance in Year 15).
- Line 4 subtotals lines 1 through 3.
- Line 5 determines the EDC revenue to be generated by residential building permits to be issued over the forecast period.
- Line 6 determines the EDC revenue to be generated by non-residential building permits to be issued over the forecast period.
- Line 7 subtotals the residential EDC revenue (Line 5) and the non-residential EDC revenue (Line 6).
- Line 8 totals all anticipated revenue sources including funds borrowed against the Line of Credit (Lines 1 through 7).

#### B. Expenditures

- Line 9 brings forward into the calculation the annual site acquisition costs. The timing of the capital expenditures determines the point at which the escalation factor is applied to the first 5 years of the forecast period.
- Line 10 incorporates the site preparation/development costs, and escalates these costs at 2.0% per annum over the entire 15-year forecast period.
- Line 11 incorporates the study costs specified under section 257.53(2) at the beginning of each new by-law period, and over the 15-year forecast period.
- Line 12 totals all projected expenditures
- Line 13 sets out the annual principal payments against the Line of Credit borrowing. A 5.8% interest rate is to accrue immediately following the L/C borrowing.
- Line 14 calculates the annual cost of borrowing against the Line of Credit and indicates when each borrowing tranche is fully paid.
- Line 15 totals the annual principal and interest payments required.
- Line 16 calculates total expenditures, including borrowing requirements by totaling Lines 9 through 15.

### C. Cash Flow Analysis

- Line 17 calculates total revenues minus total expenditures (Line 8 minus Line 16).
- Line 18 extracts the “closing balance” from the previous year and describes it as the “opening balance” in the following year.
- Line 19 pulls forward the revenues less expenditures balance from Line 17
- Line 20 calculates a sub-total of Lines 18 and 19.
- Line 21 indicates the level of principal payments outstanding in any given year as part of calculating the total financial obligations of the Board
- Line 22 indicates the total financial obligations including any principal payments outstanding
- Line 23 accrues EDC account interest earnings at 2.3% on the sub-total (Line 20).
- Line 24 is the total financial obligations outstanding including any principal payments less any interest earned to date (Line 22 plus Line 23).
- Line 25 the EDC account balance in any given year.

## 7.8 Non-Residential Share

One of the key policy decisions to be made by the Board in advance of adopting the by-law, is the percentage of net education land costs to be recovered from residential and non-residential development (or residential only). Although it is noted that O. Reg. 438/18 naturally alters the residential/non-residential shares, even with ‘capped’ EDC rates.

The apportionment of net education capital costs to determine the residential education development charge per unit and the non-residential rate per square foot of gross floor area was based on the residential/non-residential share underlying the Board’s existing EDC by-law (i.e., 100% residential and 0% non-residential share). However, it is noted that the determination of the EDC charge based on any assumed share non-statutory exempt residential development over the term of the by-law, and any proportionate share from non-residential (industrial, institutional and commercial) development, does not prejudice the Board’s final policy decision on this matter.

A sensitivity analysis outlining a range of possible residential EDC rates and comparable non-residential rates is set out in the top right-hand corner of the cashflow analysis. Non-residential shares ranging from 0% to 40% are determined for this purpose.

## 7.9 Education Development Charges

Finally, Table 7-6 summarizes the calculation of the jurisdiction-wide residential and non-residential education development charges for the Board.

This information is consistent with the EDC submission, approval of which is required to be given by the Ministry of Education prior to consideration of by-law adoption.

TABLE 7-6 DURHAM CATHOLIC DISTRICT SCHOOL BOARD		% of Total
CALCULATION OF EDUCATION DEVELOPMENT CHARGES		
Total Growth-Related Net Education Land Costs (over 15-year forecast period including associated financing and study costs)	\$ 411,114,704	
Site Acquisition Costs	\$ 282,617,222	68.7%
Land Escalation Costs	\$ 88,134,451	21.4%
Site Preparation Costs	\$ 16,288,988	4.0%
Site Preparation Escalation Costs	\$ 2,580,701	0.6%
Credit Line Interest Payments	\$ 10,332,169	2.5%
Study Costs	\$ 420,000	0.1%
Financial Obligations/Surplus (projected EDC Account Balance as of March 31, 2019)	\$ 10,939,346	2.7%
Interest Earnings	\$ (262,414)	-0.1%
Closing Account Balance	\$ 64,241	0.0%
Total Net New Units	102,676	
Total Non-Residential, Non-Exempt Board-Determined GFA	61,320,251	
Residential Education Development Charge Per Unit based on 100% of Total Growth-Related Net Education Land Costs	\$ 4,004	
Non-Residential Education Development Charge Per Sq. Ft. of GFA based on 0% of Total Growth-Related Net Education Land Costs	\$ -	

## APPENDIX A - EDC SUBMISSION 2019

The following outlines the EDC Submission forwarded to the Minister of Education for review and approval.

**DURHAM CATHOLIC DISTRICT SCHOOL BOARD  
Education Development Charges Submission 2019  
Form A - Eligibility to Impose an EDC**

**A.1.1: CAPACITY TRIGGER CALCULATION - ELEMENTARY PANEL**

Elementary Panel Board-Wide Capacity	Projected Elementary Panel Average Daily Enrolment Headcount						Elementary Average Projected Enrolment less Capacity
	Year 1 2019/ 2020	Year 2 2020/ 2021	Year 3 2021/ 2022	Year 4 2022/ 2023	Year 5 2023/ 2024	Average Projected Enrolment Over Five Years	
14,908	15,212	15,698	16,022	16,314	16,498	15,949	1,041

Board-wide Capacity reflects all Purpose-built Kindergarten rooms existing or approved for funding and loaded at 26 pupils per classroom

**A.1.2: CAPACITY TRIGGER CALCULATION - SECONDARY PANEL**

Secondary Panel Board-Wide Capacity	Projected Secondary Panel Average Daily Enrolment (ADE)						Secondary Average Projected Enrolment less Capacity
	Year 1 2019/ 2020	Year 2 2020/ 2021	Year 3 2021/ 2022	Year 4 2022/ 2023	Year 5 2023/ 2024	Average Projected Enrolment Over Five Years	
6,729	6,411	6,515	6,671	6,970	7,216	6,757	28

**A.2: EDC FINANCIAL OBLIGATIONS (Estimated to April 30 2019)**

Adjusted Outstanding Principal:	\$50,892,929
Less Adjusted EDC Account Balance:	\$39,953,583
<b>Total EDC Financial Obligations/Surplus:</b>	<b>-\$10,939,346</b>

**DURHAM CATHOLIC DISTRICT SCHOOL BOARD**  
**Education Development Charges Submission 2019**  
**Forms B/C - Dwelling Unit Summary**  
**PROJECTION OF NET NEW DWELLING UNITS <sup>1</sup>**

	Year 1 2019/ 2020	Year 2 2020/ 2021	Year 3 2021/ 2022	Year 4 2022/ 2023	Year 5 2023/ 2024	Year 6 2024/ 2025	Year 7 2025/ 2026	Year 8 2026/ 2027	Year 9 2027/ 2028	Year 10 2028/ 2029	Year 11 2029/ 2030	Year 12 2030/ 2031	Year 13 2031/ 2032	Year 14 2032/ 2033	Year 15 2033/ 2034	Total All Units
<b>Durham Boards Jurisdiction</b>																
Single & Semi-detached	2,548	3,167	3,117	2,785	2,536	2,261	2,082	2,744	2,458	2,417	2,337	2,447	2,356	2,347	1,634	37,236
Multiples	2,644	2,774	2,365	2,018	1,796	1,834	1,945	2,091	2,057	2,140	2,060	2,491	2,080	1,984	1,638	31,917
Apartments	1,267	1,965	1,982	3,496	2,652	1,724	2,190	3,658	2,742	2,512	2,390	2,466	1,836	1,594	1,049	33,523
<b>Total</b>	<b>6,459</b>	<b>7,906</b>	<b>7,464</b>	<b>8,299</b>	<b>6,984</b>	<b>5,819</b>	<b>6,217</b>	<b>8,493</b>	<b>7,257</b>	<b>7,069</b>	<b>6,787</b>	<b>7,404</b>	<b>6,272</b>	<b>5,925</b>	<b>4,321</b>	<b>102,676</b>
<b>CE01 - Pickering South</b>																
Single & Semi-detached	78	36	33	2	15	16	2	4	1	7	-	-	-	-	-	194
Multiples	536	433	358	329	298	284	96	38	-	-	-	258	-	-	-	2,630
Apartments	214	549	393	863	702	625	52	609	609	520	525	357	360	-	-	6,378
<b>Total</b>	<b>828</b>	<b>1,018</b>	<b>784</b>	<b>1,194</b>	<b>1,015</b>	<b>925</b>	<b>150</b>	<b>651</b>	<b>610</b>	<b>527</b>	<b>525</b>	<b>615</b>	<b>360</b>	<b>-</b>	<b>-</b>	<b>9,202</b>
<b>CE02 - Pickering Seaton</b>																
Single & Semi-detached	522	631	634	620	553	504	568	535	493	445	421	313	315	215	190	6,959
Multiples	275	575	549	561	534	508	916	909	908	884	884	751	602	516	382	9,754
Apartments	-	-	-	72	72	-	908	926	557	549	849	614	583	423	381	5,934
<b>Total</b>	<b>797</b>	<b>1,206</b>	<b>1,183</b>	<b>1,253</b>	<b>1,159</b>	<b>1,012</b>	<b>2,392</b>	<b>2,370</b>	<b>1,958</b>	<b>1,878</b>	<b>2,154</b>	<b>1,678</b>	<b>1,500</b>	<b>1,154</b>	<b>953</b>	<b>22,647</b>
<b>CE03 - Pickering Northeast</b>																
Single & Semi-detached	-	35	20	9	-	-	-	-	-	-	96	202	275	206	203	1,046
Multiples	-	-	-	-	-	-	-	-	-	-	-	344	454	605	605	2,008
Apartments	-	-	-	-	-	-	-	-	-	-	-	-	-	260	260	520
<b>Total</b>	<b>-</b>	<b>35</b>	<b>20</b>	<b>9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>96</b>	<b>546</b>	<b>729</b>	<b>1,071</b>	<b>1,068</b>	<b>3,574</b>
<b>CE04 - Ajax</b>																
Single & Semi-detached	320	241	278	113	-	-	-	-	-	58	57	57	57	57	57	1,295
Multiples	503	300	114	88	88	92	76	78	-	18	18	18	18	18	18	1,447
Apartments	493	903	944	425	452	289	-	-	-	-	-	-	-	140	170	3,816
<b>Total</b>	<b>1,316</b>	<b>1,444</b>	<b>1,336</b>	<b>626</b>	<b>540</b>	<b>381</b>	<b>76</b>	<b>78</b>	<b>-</b>	<b>76</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>215</b>	<b>245</b>	<b>6,558</b>
<b>CE05 - Whitby South &amp; Central</b>																
Single & Semi-detached	537	694	683	541	522	385	285	221	251	30	30	30	30	30	23	4,292
Multiples	517	586	574	330	317	303	216	145	227	125	66	63	-	-	-	3,469
Apartments	18	59	415	1,291	677	377	982	906	480	646	370	647	-	276	78	7,222
<b>Total</b>	<b>1,072</b>	<b>1,339</b>	<b>1,672</b>	<b>2,162</b>	<b>1,516</b>	<b>1,065</b>	<b>1,483</b>	<b>1,272</b>	<b>958</b>	<b>801</b>	<b>466</b>	<b>740</b>	<b>30</b>	<b>306</b>	<b>101</b>	<b>14,983</b>
<b>CE06 - Whitby North &amp; Brooklin</b>																
Single & Semi-detached	562	644	644	658	659	589	589	1,232	1,107	1,306	1,129	1,307	1,107	1,331	791	13,655
Multiples	102	181	181	181	181	308	303	685	685	786	811	811	811	692	562	7,280
Apartments	-	32	32	240	-	-	-	330	331	58	118	94	76	100	118	1,529
<b>Total</b>	<b>664</b>	<b>857</b>	<b>857</b>	<b>1,079</b>	<b>840</b>	<b>897</b>	<b>892</b>	<b>2,247</b>	<b>2,123</b>	<b>2,150</b>	<b>2,058</b>	<b>2,212</b>	<b>1,994</b>	<b>2,123</b>	<b>1,471</b>	<b>22,464</b>
<b>CE07 - Oshawa South &amp; Central</b>																
Single & Semi-detached	80	95	87	91	70	67	18	18	18	18	-	-	-	-	-	562
Multiples	141	186	235	136	57	17	-	-	-	-	-	-	-	-	-	772
Apartments	239	-	-	213	237	85	88	447	357	546	357	357	360	-	-	3,286
<b>Total</b>	<b>460</b>	<b>281</b>	<b>322</b>	<b>440</b>	<b>364</b>	<b>169</b>	<b>106</b>	<b>465</b>	<b>375</b>	<b>564</b>	<b>357</b>	<b>357</b>	<b>360</b>	<b>-</b>	<b>-</b>	<b>4,620</b>
<b>CE08 - Oshawa North</b>																
Single & Semi-detached	242	328	335	393	436	547	429	545	414	425	445	368	397	331	191	5,826
Multiples	449	443	282	318	262	275	300	195	195	263	221	175	126	82	-	3,586
Apartments	167	357	183	296	491	251	75	355	352	84	102	328	328	340	-	3,709
<b>Total</b>	<b>858</b>	<b>1,128</b>	<b>800</b>	<b>1,007</b>	<b>1,189</b>	<b>1,073</b>	<b>804</b>	<b>1,095</b>	<b>961</b>	<b>772</b>	<b>768</b>	<b>871</b>	<b>851</b>	<b>753</b>	<b>191</b>	<b>13,121</b>
<b>CE09 - Brock, Scugog &amp; Uxbridge</b>																
Single & Semi-detached	207	463	403	358	281	153	191	189	174	128	159	170	175	177	179	3,407
Multiples	121	70	72	75	59	47	38	41	42	64	60	71	69	71	71	971
Apartments	136	65	15	96	21	97	85	85	56	109	69	69	129	55	42	1,129
<b>Total</b>	<b>464</b>	<b>598</b>	<b>490</b>	<b>529</b>	<b>361</b>	<b>297</b>	<b>314</b>	<b>315</b>	<b>272</b>	<b>301</b>	<b>288</b>	<b>310</b>	<b>373</b>	<b>303</b>	<b>292</b>	<b>5,507</b>

Notes: 1. Assumed to be net of demolitions and conversions.

Grand Total Gross New Units in By-Law Area	103,474
Less: Statutorily Exempt Units in By-Law Area	798
<b>Total Net New Units in By-Law Area</b>	<b>102,676</b>

**DURHAM CATHOLIC DISTRICT SCHOOL BOARD**  
**Education Development Charges Submission 2019**  
**Form D - Non-Residential Development**

**D1 - Non-Residential Charge Based On Gross Floor Area (sq. ft.)**

<b>Total Estimated Non-Residential Board-Determined Gross Floor Area to be Constructed Over 15 Years From Date of By-Law Passage</b>	80,388,746
<b>Less: Board-Determined Gross Floor Area From Exempt Development</b>	19,068,494
<b>Net Estimated Board-Determined Gross Floor Area</b>	61,320,251



**FORM E**  
**DURHAM CATHOLIC DISTRICT SCHOOL BOARD**  
 Education Development Charges Submission 2019  
 Net Growth-related Pupil Places

**Elementary Panel**

Review Area	Total Cumulative 15 Year New Net Unit Projections (1)	% Total Forecast Municipal Residential Growth (2)	Weighted Blended EDC Pupil Yield (3)	2019/20-2033/34 Pupil Requirements of New Development (4)=(3) x (1)	2018/19 OTG Capacity (5)	2033/34 ADE Existing Community Projections (6)	Net Growth Related Pupil Place Requirements (7)	SINGLE and SEMI-DETACHED	MEDIUM DENSITY	APARTMENTS (includes purpose-built seniors housing and student housing)	TOTAL UNITS
CE01 - Pickering South	9,202	9.0%	0.0456	420	2,506	1,970	-	194	2,630	6,378	9,202
CE02 - Pickering Seaton	22,647	22.1%	0.0968	2,192	-	-	1,648	6,959	9,754	5,934	22,647
CE03 - Pickering Northeast	3,574	3.5%	0.0747	267	-	-	267	1,046	2,008	520	3,574
CE04 - Ajax	6,558	6.4%	0.0635	416	3,923	3,075	-	1,295	1,447	3,816	6,558
CE05 - Windby South & Central	14,983	14.6%	0.0865	1,296	3,102	2,309	-	4,202	3,469	7,222	14,983
CE06 - Windby North & Brooklin	22,464	21.9%	0.1338	3,007	1,237	658	2,526	13,655	7,280	1,529	22,464
CE07 - Oshawa South & Central	4,020	4.5%	0.0380	176	2,266	1,661	-	562	772	3,286	4,020
CE08 - Oshawa North	13,121	12.8%	0.0827	1,085	1,182	1,202	1,105	5,826	3,586	3,709	13,121
CE09 - Brock, Scugog & Uxbridge	5,507	5.4%	0.0562	309	692	462	-	3,407	971	1,129	5,507
<b>TOTAL</b>	<b>102,676</b>	<b>100%</b>	<b>0.0893</b>	<b>9,167</b>	<b>14,908</b>	<b>11,338</b>	<b>5,546</b>	<b>37,236</b>	<b>31,917</b>	<b>33,523</b>	<b>102,676</b>

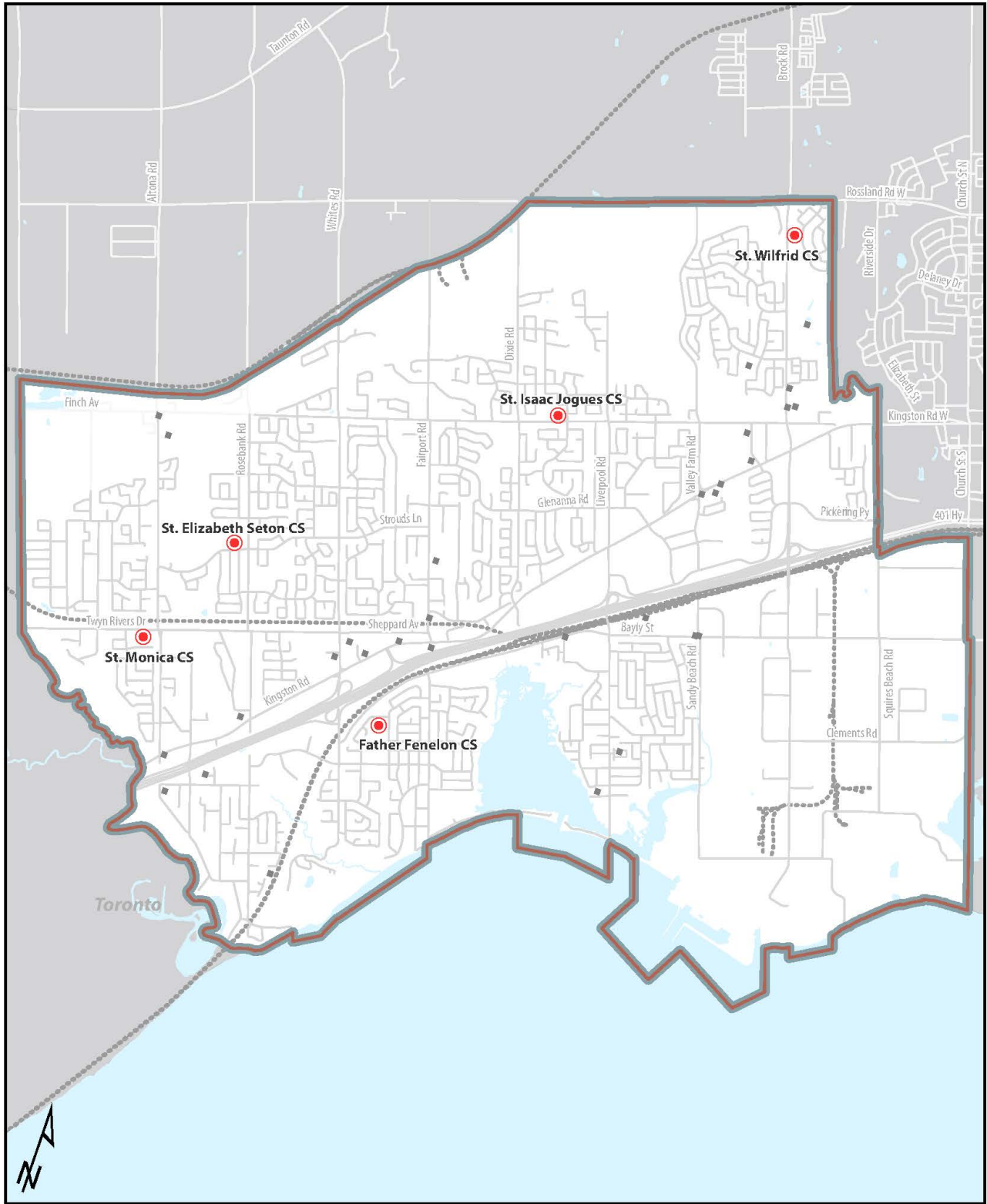
**Secondary Panel**

Review Area	Total Cumulative 15 Year New Net Unit Projections (1)	% Total Forecast Municipal Residential Growth (2)	Weighted Blended EDC Pupil Yield (3)	2019/20-2033/34 Pupil Requirements of New Development (4)=(3) x (1)	2018/19 OTG Capacity (5)	2033/34 ADE Existing Community Projections (6)	Net Growth Related Pupil Place Requirements (7)	SINGLE and SEMI-DETACHED	MEDIUM DENSITY	APARTMENTS (includes purpose-built seniors housing and student housing)	TOTAL UNITS
CS01 - South of Taunton Rd.	38,937	37.9%	0.0245	953	6,729	5,189	-	7,389	10,326	21,222	38,937
CS02 - North of Taunton Rd.	41,092	40.0%	0.0272	1,119	-	671	1,608	22,888	11,837	6,367	41,092
CS03 - Seaton & North Pickering	22,647	22.1%	0.0419	949	-	-	804	6,959	9,754	5,934	22,647
<b>TOTAL</b>	<b>102,676</b>	<b>100.0%</b>	<b>0.0294</b>	<b>3,021</b>	<b>6,729</b>	<b>5,860</b>	<b>2,412</b>	<b>37,236</b>	<b>31,917</b>	<b>33,523</b>	<b>102,676</b>

<b>TOTAL BOTH PANELS</b>				<b>12,188</b>	<b>21,637</b>	<b>17,198</b>	<b>7,958</b>				
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## ELEMENTARY REVIEW AREAS

# Review Area Map CE01



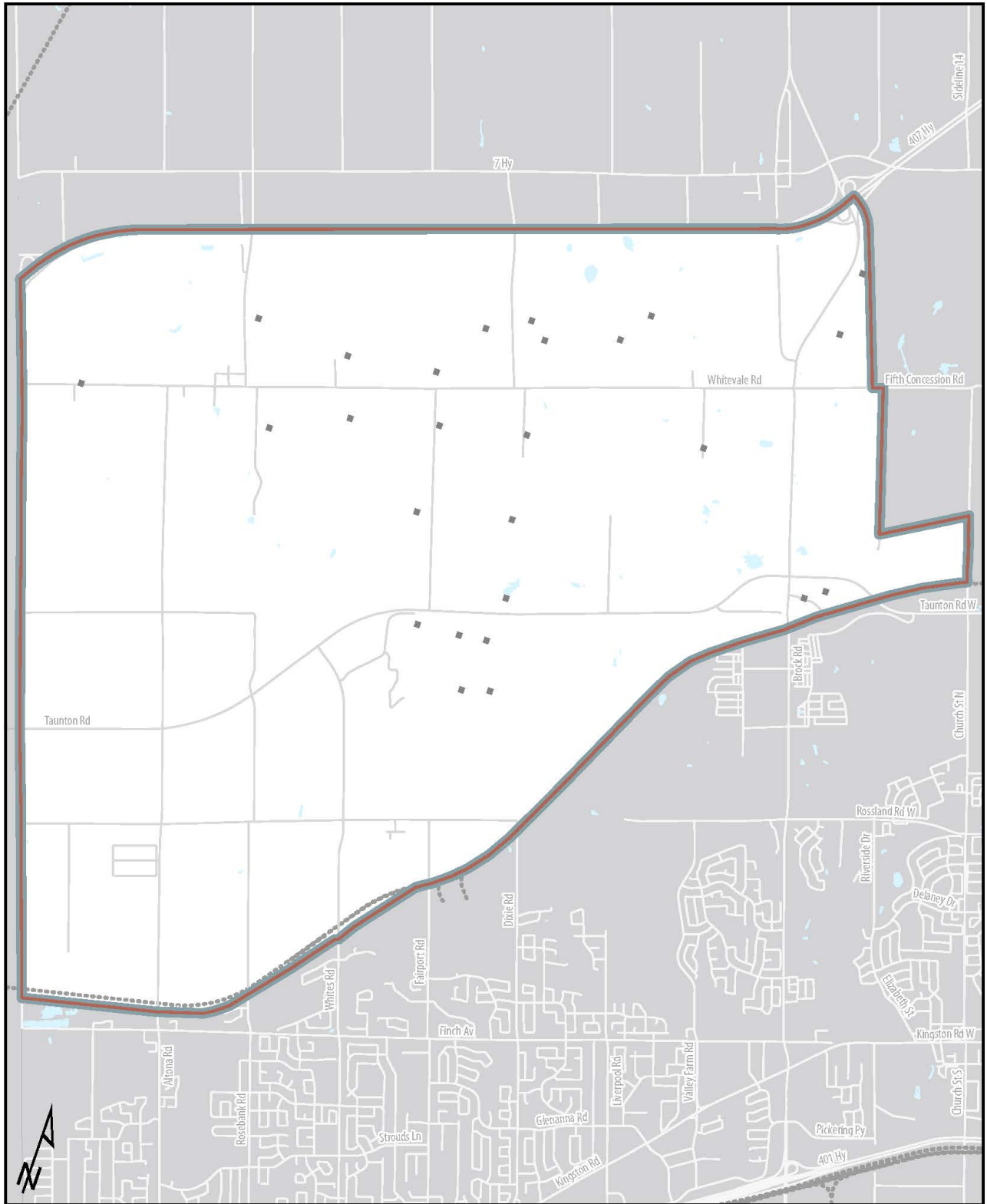
**Durham Catholic District School Board: Education Development Charges Background Study 2019**

**Elementary Review Area: CE01**





# Review Area Map CE02



**Durham Catholic District School Board: Education Development Charges Background Study 2019**

**Elementary Review Area: CE02**



**DURHAM CATHOLIC DISTRICT SCHOOL BOARD - FORMS E AND F  
EDUCATION DEVELOPMENT CHARGES SUBMISSION 2019**

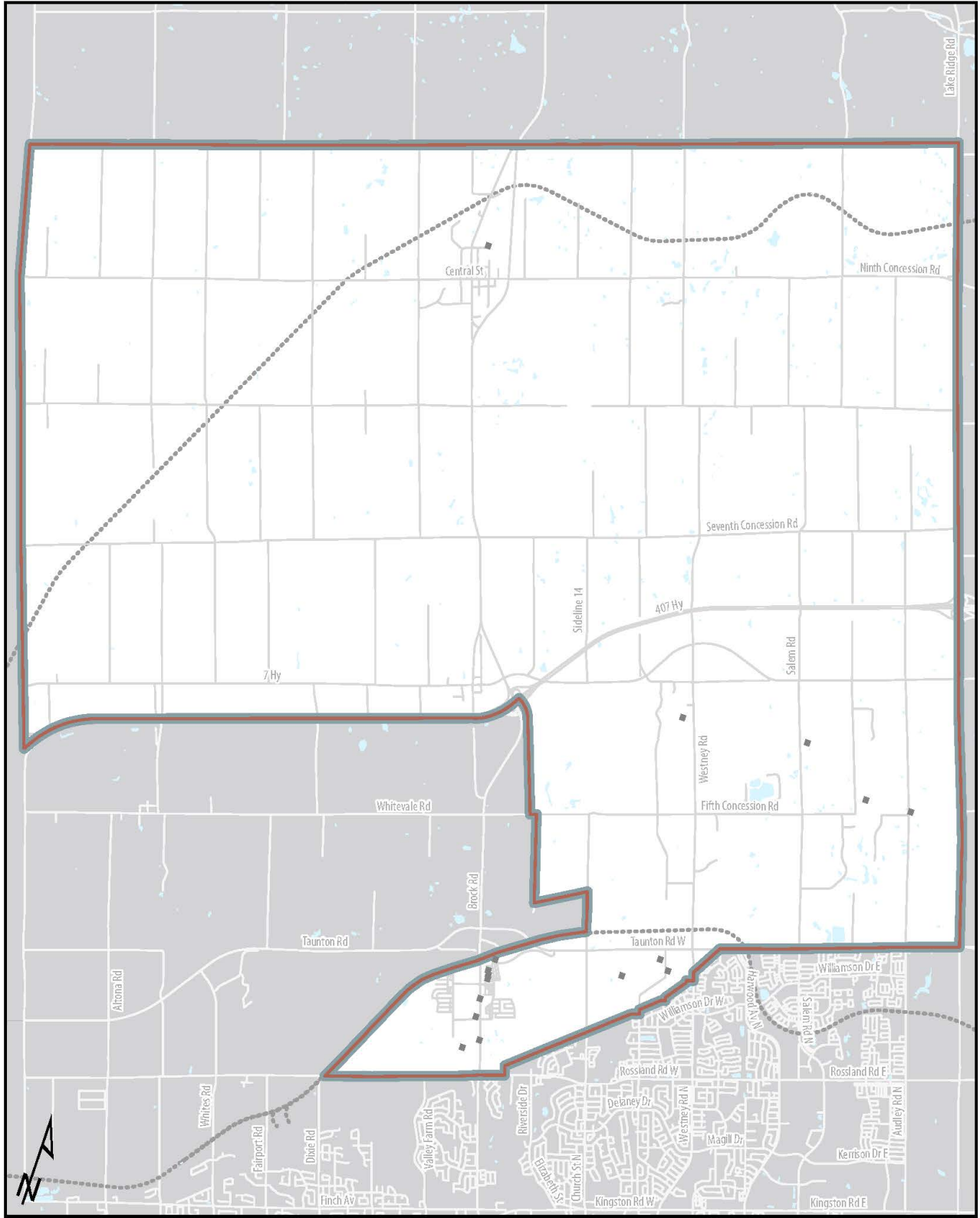
1. Four (4) new elementary school sites in Seaton															
2.															
3.															
4.															
<b>Review Area: CE02 - Pickering Seaton</b>															
<b>Projected Housing Growth</b>															
Low Density	522	631	634	620	553	504	568	535	493	445	421	313	315	215	190
Medium Density	275	575	549	561	534	508	916	909	908	884	884	751	602	516	382
High Density - Apartments	-	-	-	72	72	-	908	926	557	549	849	614	583	423	381
High Density - Stacked Townhouses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Net Dwelling Units</b>	<b>797</b>	<b>1,206</b>	<b>1,183</b>	<b>1,239</b>	<b>1,159</b>	<b>1,012</b>	<b>2,392</b>	<b>2,370</b>	<b>1,958</b>	<b>1,878</b>	<b>2,154</b>	<b>1,678</b>	<b>1,500</b>	<b>1,154</b>	<b>953</b>

Review Area Schools not Impacted by New Housing Development, or for which no Growth-related Accommodation Solutions are Required																
Review Area Schools																
OTG Capacity	Current 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34
B1																
B2																
B3																
B4																
B5																
B6																
B7																
B8																
B9																
B10																
Totals																
Total ROND																
Total Surplus Pupil Spaces																

Review Area Schools Impacted by Housing Growth and for which additional Growth-related Accommodation Solutions are Required																
OTG Capacity	Current 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34
C1																
C2																
C3																
C4																
C5																
C6																
C7																
C8																
Totals																
Total Pupil Spaces Available to Accommodate Growth																
Requirements of New Development for Growth Areas (Cumulative)																

Note: The Board is excluding any available capacity utilized for holding situations and where a permanent accommodation solution is sought, as well as any available capacity that doesn't meet longer term capital priority needs due to distance.

# Review Area Map CE03



## Durham Catholic District School Board: Education Development Charges Background Study 2019

### Elementary Review Area: CE03



**DURHAM CATHOLIC DISTRICT SCHOOL BOARD - FORMS E AND F**  
**EDUCATION DEVELOPMENT CHARGES SUBMISSION 2019**

		Projected Housing Growth										Weighted/ Blended Elementary Yield	Total Net New Units 2083/24	Total Yr. 15 Growth-related Pupils				
		Total NRGPP																
1.	New elementary school site in Northeast Pickering	267										0.0982	1,046	103				
2.		Medium Density										0.0800	2,008	161				
3.		High Density - Apartments										0.0070	520	4				
4.		High Density - Stacked Townhouses										-	-	-				
	<b>Total Net Dwelling Units</b>	<b>0,0747</b>										<b>0.0747</b>	<b>3,574</b>	<b>267</b>				
<b>Review Area: CE03 - Pickering Northeast</b>																		
	OTG Capacity	Current 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Year 15 2033/34
B1	Projected Housing Growth	0	0	35	20	9	-	-	-	-	-	-	96	202	375	206	208	208
B2	Low Density	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B3	Medium Density	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B4	High Density - Apartments	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B5	High Density - Stacked Townhouses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B7		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B8		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B10		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Totals</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	<b>Total ROND</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Surplus Pupil Spaces</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Review Area Schools not impacted by New Housing Development, or for which no Growth-related Accommodation Solutions are Required*

Review Area Schools	OTG Capacity	Current 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Year 15 2033/34	
B1																			
B2																			
B3																			
B4																			
B5																			
B6																			
B7																			
B8																			
B9																			
B10																			
	<b>Totals</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B	<b>Total ROND</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Surplus Pupil Spaces</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

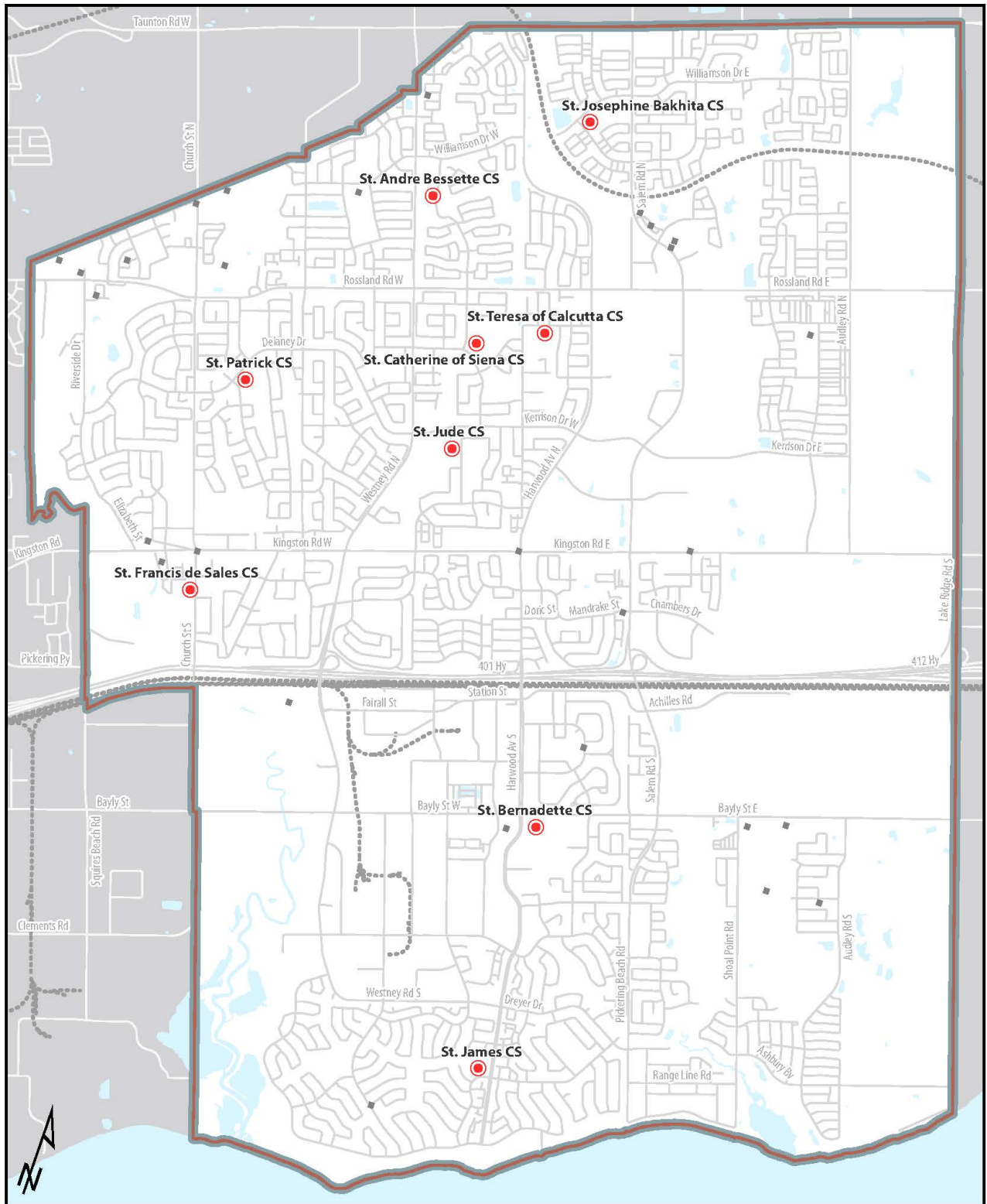
*Review Area Schools Impacted by Housing Growth and for which additional Growth-related Accommodation Solutions are Required*

Review Area Schools	OTG Capacity	Current 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Year 15 2033/34
C1	Future Northeast Pickering	0	0	0	0	0	0	0	6	6	6	6	6	6	6	6	6	6
C2	ROND				3	5	5	6	10	12	13	13	22	67	128	198	267	267
C3	ROND																	
C4	ROND																	
C5	ROND																	
C6	ROND																	
C7	ROND																	
C8	ROND																	
	<b>Totals</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C	<b>Total Pupil Spaces Available to Accommodate Growth</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
D	<b>Requirements of New Development for Growth Areas (Cumulative)</b>	-	-	3	5	6	6	6	10	12	13	13	22	67	128	198	267	267

Note: The Board is excluding any available capacity utilized for holding situations and where a permanent accommodation solution is sought, as well as any available capacity that doesn't meet longer term capital priority needs due to distance.



# Review Area Map CE04



## Durham Catholic District School Board: Education Development Charges Background Study 2019

### Elementary Review Area: CE04



**DURHAM CATHOLIC DISTRICT SCHOOL BOARD - FORMS E AND F  
EDUCATION DEVELOPMENT CHARGES SUBMISSION 2019**

	Projected Housing Growth											Total Net New Growth-related Pupils				
	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30		Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34
1. No growth-related site needs (Audley site is owned)																
2.																
3.																
4.																
<b>Review Area: CE04 - Ajax</b>																
<b>Projected Housing Growth</b>																
Low Density	300	241	278	113	-	-	76	57	57	57	57	57	57	57	57	57
Medium Density	503	300	114	88	88	92	76	76	18	18	18	18	18	18	18	18
High Density - Apartments	493	933	944	425	452	289	-	-	-	-	-	-	-	-	-	-
High Density - Stacked Townhouses																
<b>Total Net Dwelling Units</b>	<b>1,316</b>	<b>1,444</b>	<b>1,336</b>	<b>626</b>	<b>540</b>	<b>381</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>75</b>	<b>75</b>

**Review Area Schools not Impacted by New Housing Development, or for which no Growth-related Accommodation Solutions are Required**

Review Area Schools	OTG Capacity 2019/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	# of Portables	Existing Site Size		
B1 St. Bernadette C.S.	634	624	619	603	590	588	577	578	575	573	560	548	536	523	509	490	159	0	8.50	
B2 St. James C.S.	372	420	439	445	439	433	422	426	416	420	406	394	383	371	355	338	2	2	5.04	
B3 St. Andre-Bessette C.S.	461	282	270	262	248	230	215	204	187	169	163	157	153	148	141	135	2	0	6.20	
B4 St. Catherine of Siena C.S.	395	354	329	310	293	288	282	270	258	252	238	225	219	211	204	197	127	0	5.34	
B5 St. Francis de Sales C.S.	291	179	185	188	196	194	196	190	187	185	182	177	172	167	159	151	3	0	7.34	
B6 St. Teresa of Calcutta C.S.	352	295	282	270	269	265	243	242	242	245	242	237	232	228	218	207	42	0	6.15	
B7																				
B8																				
B9																				
B10																				
<b>Totals</b>	<b>2,506</b>	<b>2,154</b>	<b>2,142</b>	<b>2,072</b>	<b>2,016</b>	<b>1,971</b>	<b>1,923</b>	<b>1,894</b>	<b>1,848</b>	<b>1,800</b>	<b>1,808</b>	<b>1,766</b>	<b>1,725</b>	<b>1,683</b>	<b>1,622</b>	<b>1,556</b>	<b>334</b>	<b>2</b>	<b>38.57</b>	
<b>Total Surplus Pupil Spaces</b>	<b>351</b>	<b>304</b>	<b>286</b>	<b>230</b>	<b>325</b>	<b>363</b>	<b>393</b>	<b>409</b>	<b>442</b>	<b>486</b>	<b>470</b>	<b>483</b>	<b>498</b>	<b>520</b>	<b>566</b>	<b>615</b>				

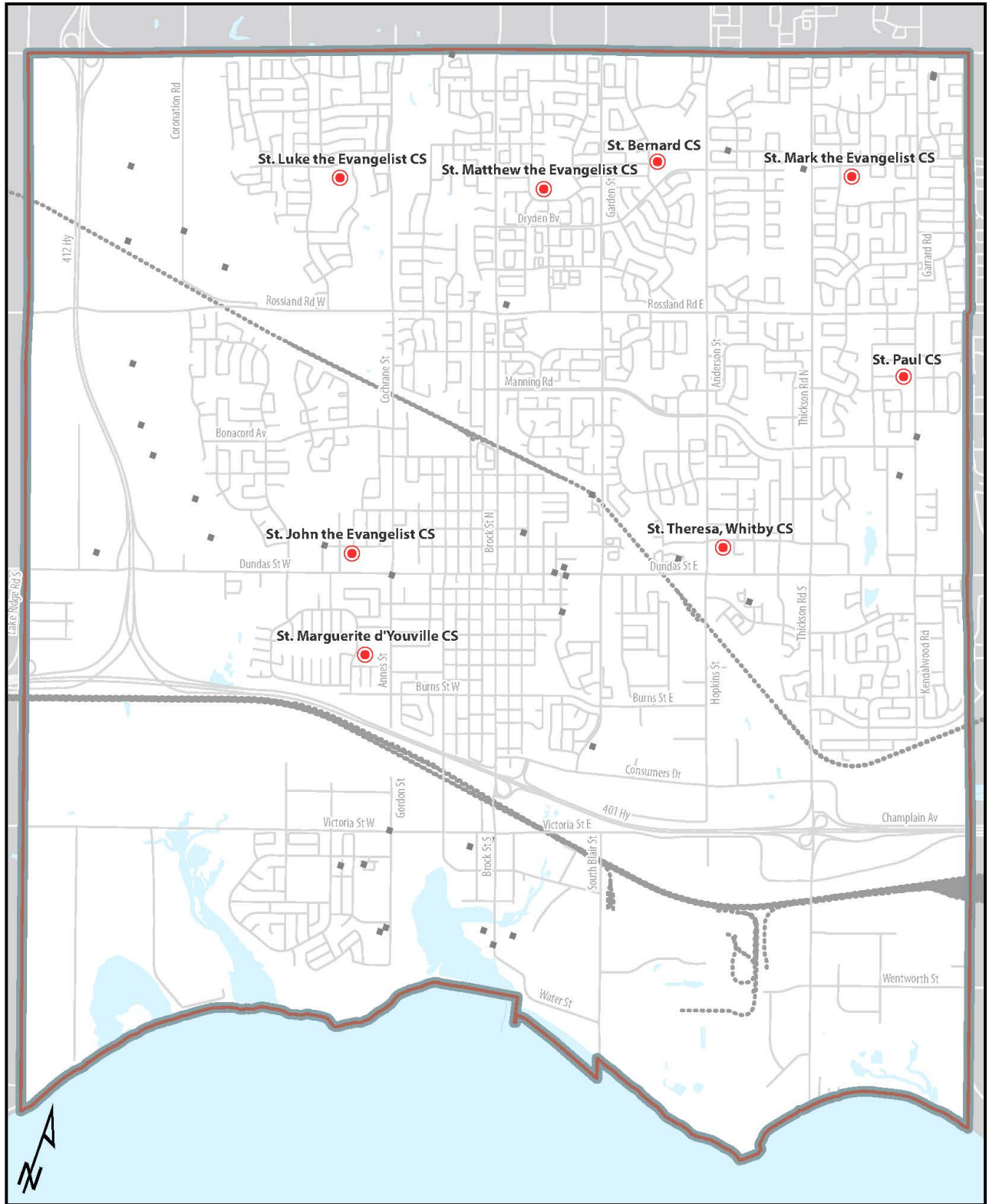
**Review Area Schools Impacted by Housing Growth and for which additional Growth-related Accommodation Solutions are Required**

Review Area Schools	OTG Capacity 2019/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	# of Portables	Existing Site Size		
C1 St. Josephine Bakhita C.S.	479	679	688	631	610	578	572	555	547	544	528	516	503	490	475	458	70	7	4.92	
C2 St. Jude C.S.	254	364	369	360	363	359	352	354	353	357	333	327	320	313	305	294	5	5	4.97	
C3 St. Patrick C.S.	685	767	781	812	833	844	848	851	849	845	835	823	811	798	784	768	13	3	6.28	
C4																				
C5																				
C6																				
C7																				
C8																				
<b>Totals</b>	<b>1,418</b>	<b>1,810</b>	<b>1,865</b>	<b>1,866</b>	<b>1,857</b>	<b>1,834</b>	<b>1,834</b>	<b>1,824</b>	<b>1,815</b>	<b>1,810</b>	<b>1,760</b>	<b>1,735</b>	<b>1,708</b>	<b>1,678</b>	<b>1,644</b>	<b>1,602</b>	<b>83</b>	<b>15</b>	<b>16.17</b>	
<b>Total Pupil Spaces Available to Accommodate Growth</b>																				

Requirements for New Development for Growth Areas (Cumulative)	37	48	51	53	64	64	63	69	74	77	80	83
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Note: The Board is excluding any available capacity utilized for holding situations and where a permanent accommodation solution is sought, as well as any available capacity that doesn't meet longer term capital priority needs due to distance.

# Review Area Map CE05



**Durham Catholic District School Board: Education Development Charges Background Study 2019**

**Elementary Review Area: CE05**



**DURHAM CATHOLIC DISTRICT SCHOOL BOARD - FORMS E AND F  
EDUCATION DEVELOPMENT CHARGES SUBMISSION 2019**

1. Part of West Whitby growth-related needs north of Taunton Rd. see CE06

2. Part of West Whitby Monarch north of Dundas St. see CE06

3.

4.

**Review Area: CE05 - Whitby South & Central**

Projected Housing Growth	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Total Net New Units 2033/34	Weighted/Blended Elementary Yield	Total Yr. 15 Growth-related Pupils
Low Density	537	684	683	541	522	385	285	221	251	137	30	30	30	30	30	4,292	0.1744	748
Medium Density	517	596	574	337	303	317	216	145	145	227	125	66	63	-	-	3,489	0.1203	417
High Density - Apartments	18	59	415	1,291	677	377	982	906	480	646	370	647	-	-	-	7,222	0.0181	130
High Density - Stacked Townhouses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Net Dwelling Units</b>	<b>1,072</b>	<b>1,339</b>	<b>1,672</b>	<b>2,162</b>	<b>1,516</b>	<b>1,065</b>	<b>1,483</b>	<b>1,272</b>	<b>958</b>	<b>801</b>	<b>466</b>	<b>740</b>	<b>30</b>	<b>30</b>	<b>306</b>	<b>14,983</b>	<b>0.0865</b>	<b>1,296</b>

**Review Area Schools not Impacted by New Housing Development, or for which no Growth-related Accommodation Solutions are Required**

Review Area Schools	OTG Capacity	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Total Surplus Pupil Spaces	# of Portables	
B1 All Saints CSS (Grade 7&8)	161	158	156	153	145	140	137	132	137	141	137	135	134	134	130	130	126	0	
B2 St. Bernard C.S.	280	277	275	265	268	259	259	256	253	247	242	236	230	223	214	207	207	78	3
B3 St. Marguerite D'Youville C.S.	323	247	240	216	206	207	209	205	205	204	202	196	191	185	179	172	172	213	0
B4 St. Mark the Evangelist C.S.	490	645	620	599	583	587	568	562	563	546	538	526	513	499	484	465	465	42	6
B5 St. Matthew The Evangelist C.S.	490	428	406	400	384	380	369	367	354	348	342	333	325	316	306	295	295	55	0
B6 St. Paul C.S.	291	308	301	284	275	262	247	244	245	237	227	221	215	209	202	194	194	17	0
B7 St. Theresa C.S.	245	183	189	187	192	191	196	190	193	189	185	180	175	170	163	156	156	38	0
B8																			
B9																			
B10																			
Totals	2,280	2,275	2,213	2,171	2,105	2,054	1,985	1,956	1,950	1,912	1,873	1,827	1,788	1,735	1,679	1,615	1,615	443	9
Total ROND		45	92	142	188	221	261	312	355	383	418	427	442	441	443	443	443		
B Total Surplus Pupil Spaces	5	22	17	34	38	36	35	13	-	-	-	26	55	105	158	223			

**Review Area Schools Impacted by Housing Growth and for which additional Growth-related Accommodation Solutions are Required**

Review Area Schools	OTG Capacity	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Total Surplus Pupil Spaces	# of Portables	
C1 St. John the Evangelist C.S.	355	376	397	423	485	454	462	476	497	486	476	468	461	453	439	423	423	12	
ROND		24	57	88	113	130	161	171	226	229	273	283	283	283	285	282	282	282	0
C2 St. Luke the Evangelist C.S.	467	411	392	369	349	334	326	321	308	310	307	302	296	288	280	272	272	571	0
ROND		39	92	145	191	244	323	397	463	530	599	589	593	590	592	592	592	571	0
C3																			
C4																			
C5																			
C6																			
C7																			
C8																			
Totals	822	777	850	1,026	1,090	1,162	1,272	1,387	1,494	1,581	1,625	1,641	1,633	1,613	1,595	1,548	1,548	853	12
Total Pupil Spaces Available to Accommodate Growth																			
D Requirements of New Development for Growth Areas (Cumulative)		149	233	305	374	484	591	689	785	842	871	876	873	873	877	877	877		

Note: The Board is excluding any available capacity utilized for holding situations and where a permanent accommodation solution is sought, as well as any available capacity that doesn't meet longer term capital priority needs due to distance.

# Review Area Map CE06



## Durham Catholic District School Board: Education Development Charges Background Study 2019

### Elementary Review Area: CE06



**DURHAM CATHOLIC DISTRICT SCHOOL BOARD - FORMS E AND F  
EDUCATION DEVELOPMENT CHARGES SUBMISSION 2019**

	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Total Yr. 15 Growth- related Pupils
1. Three (3) growth-related elementary school sites	552	644	644	658	659	589	589	1,232	1,077	1,305	1,129	1,307	1,107	1,331	791	2,333
2. Part of West Whitby Monarch north of Dundas St. from CE05	102	181	181	240	181	308	303	685	685	786	811	811	811	692	562	666
3. Part of West Whitby north of Taunton Rd. from CE05	-	32	32	-	-	-	-	330	331	58	118	94	76	100	118	8
4.	654	857	857	1,079	840	897	892	2,247	2,123	2,150	2,058	2,212	1,994	2,123	1,471	3,007

**Review Area: CE06 - Whitby North & Brooklin**

	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Total Yr. 15 Growth- related Pupils
<b>Projected Housing Growth</b>																
Low Density	552	644	644	658	659	589	589	1,232	1,077	1,305	1,129	1,307	1,107	1,331	791	2,333
Medium Density	102	181	181	240	181	308	303	685	685	786	811	811	811	692	562	666
High Density - Apartments	-	32	32	-	-	-	-	330	331	58	118	94	76	100	118	8
High Density - Stacked Townhouses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Net Dwelling Units</b>	654	857	857	1,079	840	897	892	2,247	2,123	2,150	2,058	2,212	1,994	2,123	1,471	3,007

**Review Area Schools not Impacted by New Housing Development, or for which no Growth-related Accommodation Solutions are Required**

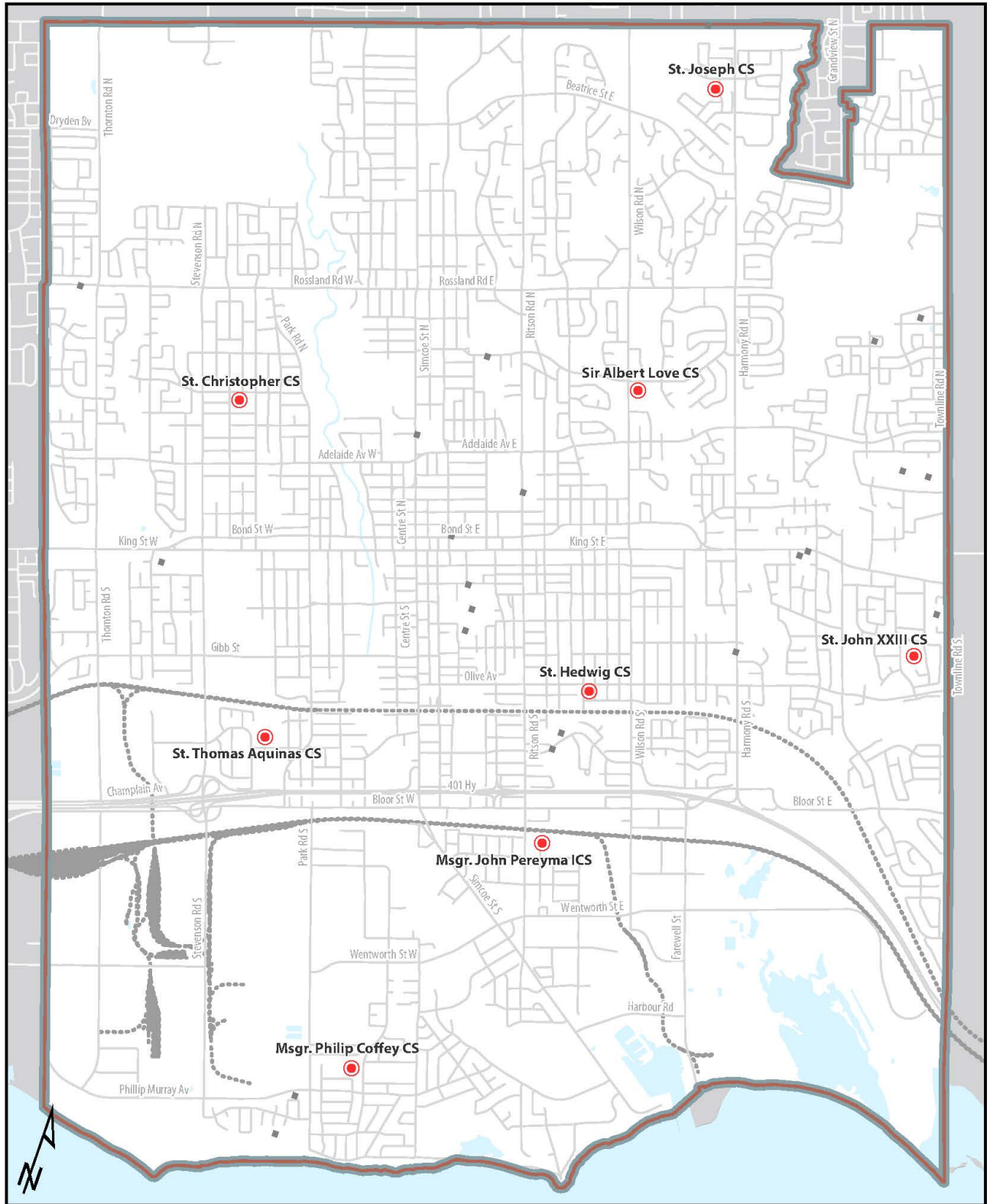
	OTG Capacity	Current 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	# of Portables	Existing Site Size
<b>Review Area Schools</b>																			
B1																			
B2																			
B3																			
B4																			
B5																			
B6																			
B7																			
B8																			
B9																			
B10																			
Totals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
Total ROND																			
Total Surplus Pupil Spaces																			

**Review Area Schools Impacted by Housing Growth and for which additional Growth-related Accommodation Solutions are Required**

	OTG Capacity	Current 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	# of Portables	Existing Site Size
C1 St. Bridget C.S.	513	408	388	366	350	338	319	306	299	295	289	279	272	265	257	249	239	0	6.26
ROND																		1656	
C2 St. John Paul II C.S.	458	389	386	383	374	367	353	344	329	322	322	318	311	304	296	286	276	0	5.19
ROND																		675	
C3 St. Leo C.S.	266	250	231	213	203	184	180	173	172	174	168	166	164	160	157	150	143	1	5.06
ROND																		675	
C4																			
C5																			
C6																			
C7																			
C8																			
Totals	1,237	1,047	1,082	1,134	1,192	1,252	1,309	1,435	1,595	1,874	2,133	2,420	2,686	2,868	3,153	3,437	3,665	1	16.51
Total Pupil Spaces Available to Accommodate Growth		155	103		45														
<b>Requirements for Growth Areas (Cumulative)</b>			171	265	362	458	562	622	797	1,083	1,354	1,658	1,980	2,140	2,443	2,752	3,007		

Note: The Board is excluding any available capacity utilized for existing situations and where a permanent accommodation solution is sought, as well as any available capacity that doesn't meet longer term capital priority needs due to distance.

## Review Area Map CE07



**Durham Catholic District School Board: Education Development Charges Background Study 2019**

**Elementary Review Area: CE07**



**DURHAM CATHOLIC DISTRICT SCHOOL BOARD - FORMS E AND F  
EDUCATION DEVELOPMENT CHARGES SUBMISSION 2019**

1. No-growth-related site needs															
2.															
3.															
4.															
<b>Review Area: CE07 - Oshawa South &amp; Central</b>															
<b>Projected Housing Growth</b>															
	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34
Low Density	80	95	87	91	67	18	18	18	18	18	18	18	18	18	18
Medium Density	141	196	235	136	57	17	-	-	-	-	-	-	-	-	-
High Density - Apartments	239	-	-	213	85	88	447	357	357	546	357	357	360	-	-
High Density - Stacked Townhouses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Net Dwelling Units</b>	<b>460</b>	<b>281</b>	<b>322</b>	<b>440</b>	<b>169</b>	<b>106</b>	<b>465</b>	<b>375</b>	<b>357</b>	<b>564</b>	<b>357</b>	<b>357</b>	<b>360</b>	<b>4,620</b>	<b>176</b>

**Review Area Schools not Impacted by New Housing Development, or for which no Growth-related Accommodation Solutions are Required**

1. No-growth-related site needs															
2.															
3.															
4.															
<b>Review Area Schools</b>															
	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34
B1	151	166	163	174	162	145	127	127	132	130	136	124	114	108	104
B2	243	232	199	381	169	160	163	158	154	150	147	144	140	134	128
B3	256	243	245	239	234	230	229	221	222	214	210	204	199	192	182
B4	509	548	548	560	554	550	543	537	534	520	508	497	486	471	450
B5	93	95	91	89	87	89	92	92	89	87	84	81	77	75	71
B6	192	185	180	175	165	161	150	151	149	147	145	144	142	140	138
B7	474	474	467	462	430	425	417	419	416	406	397	389	380	362	344
B8	294	291	289	293	294	294	297	289	288	280	275	269	262	253	244
B9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b>	<b>2,212</b>	<b>2,218</b>	<b>2,209</b>	<b>2,183</b>	<b>2,151</b>	<b>2,054</b>	<b>2,017</b>	<b>1,995</b>	<b>1,983</b>	<b>1,938</b>	<b>1,893</b>	<b>1,853</b>	<b>1,798</b>	<b>1,734</b>	<b>1,661</b>
<b>Total ROND</b>	<b>18</b>	<b>37</b>	<b>58</b>	<b>77</b>	<b>90</b>	<b>103</b>	<b>113</b>	<b>127</b>	<b>141</b>	<b>145</b>	<b>157</b>	<b>167</b>	<b>171</b>	<b>175</b>	<b>176</b>
<b>Total Surplus Pupil Spaces</b>	<b>54</b>	<b>20</b>	<b>25</b>	<b>38</b>	<b>82</b>	<b>109</b>	<b>138</b>	<b>144</b>	<b>142</b>	<b>177</b>	<b>207</b>	<b>243</b>	<b>293</b>	<b>357</b>	<b>429</b>

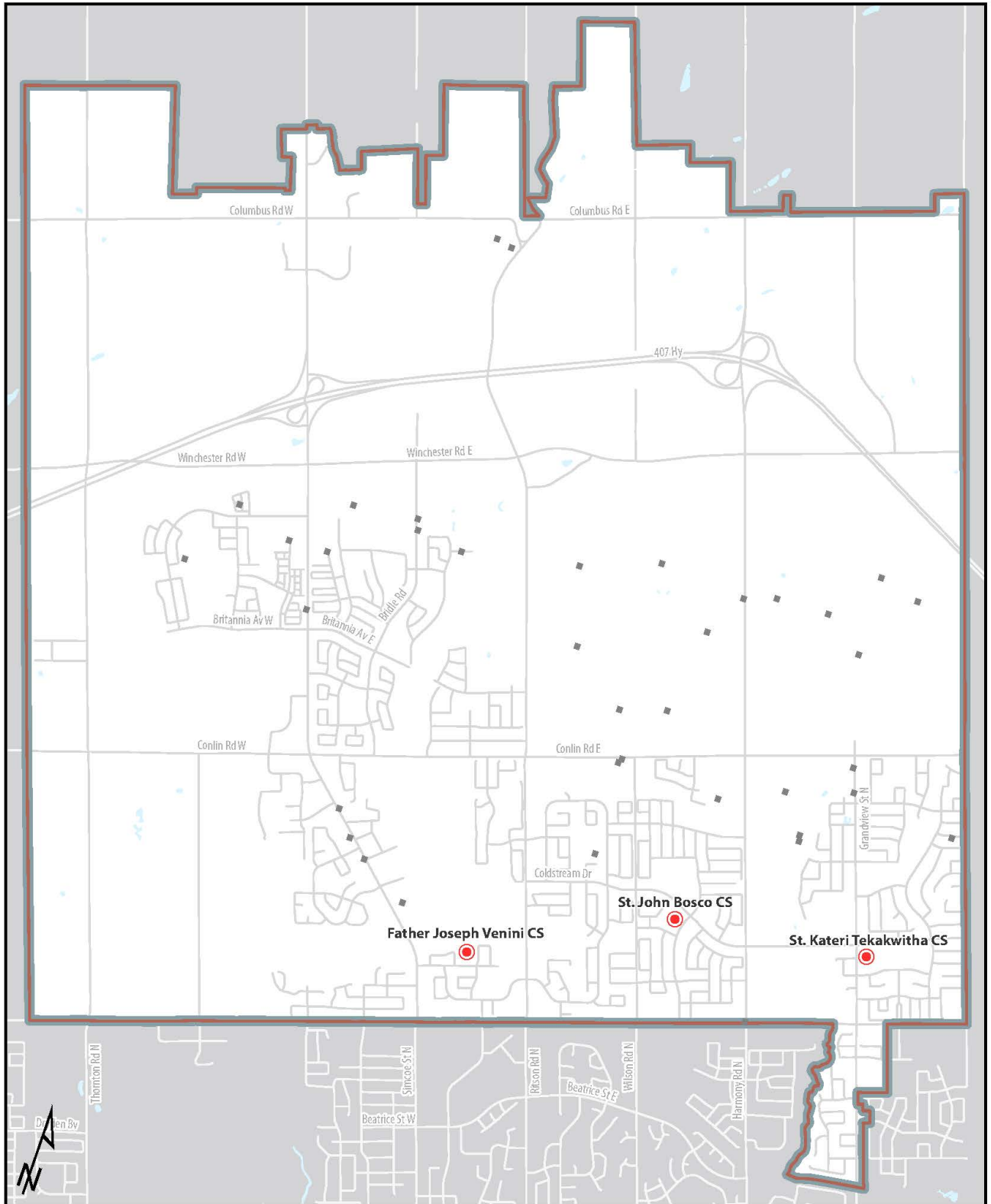
**Review Area Schools Impacted by Housing Growth and for which additional Growth-related Accommodation Solutions are Required**

1. No-growth-related site needs															
2.															
3.															
4.															
<b>Requirements of New Development for Growth Areas (Cumulative)</b>															
	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34
C1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Totals</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Pupil Spaces Available to Accommodate Growth</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Requirements of New Development for Growth Areas (Cumulative)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>OTG Capacity</b>	<b>2019/19</b>	<b>2020/21</b>	<b>2021/22</b>	<b>2022/23</b>	<b>2023/24</b>	<b>2024/25</b>	<b>2025/26</b>	<b>2026/27</b>	<b>2027/28</b>	<b>2028/29</b>	<b>2029/30</b>	<b>2030/31</b>	<b>2031/32</b>	<b>2032/33</b>	<b>2033/34</b>
<b># of Portables</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Existing Site Size</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

Note: The Board is excluding any available capacity utilized for holding situations and where a permanent accommodation solution is sought, as well as any available capacity that doesn't meet longer term capital priority needs due to distance.



# Review Area Map CE08



**Durham Catholic District School Board: Education Development Charges Background Study 2019**

**Elementary Review Area: CE08**



**DURHAM CATHOLIC DISTRICT SCHOOL BOARD - FORMS E AND F  
EDUCATION DEVELOPMENT CHARGES SUBMISSION 2019**

1. Three (3) elementary sites: Unnamed/north Oshawa, Windfields Tribute, East/Kedron & West Kedron	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Total Yr. 15 Growth- related Pupils
	242	328	335	393	436	547	429	545	414	425	445	368	397	331	331	191
Low Density	469	443	282	318	262	300	195	195	263	221	175	126	82	82	-	-
Medium Density	167	357	183	296	491	251	75	355	352	84	102	328	328	340	-	-
High Density - Apartments																26
High Density - Stacked Townhouses																-
<b>A. Total Net Dwelling Units</b>	<b>858</b>	<b>1,128</b>	<b>800</b>	<b>1,007</b>	<b>1,189</b>	<b>1,073</b>	<b>804</b>	<b>1,095</b>	<b>961</b>	<b>772</b>	<b>768</b>	<b>871</b>	<b>851</b>	<b>753</b>	<b>1,085</b>	<b>1,085</b>

**Review Area: CE08 - Oshawa North**

Projected Housing Growth	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Total Yr. 15 Growth- related Pupils
Low Density	242	328	335	393	436	547	429	545	414	425	445	368	397	331	331	191
Medium Density	469	443	282	318	262	300	195	195	263	221	175	126	82	82	-	-
High Density - Apartments	167	357	183	296	491	251	75	355	352	84	102	328	328	340	-	-
High Density - Stacked Townhouses																26
<b>A. Total Net Dwelling Units</b>	<b>858</b>	<b>1,128</b>	<b>800</b>	<b>1,007</b>	<b>1,189</b>	<b>1,073</b>	<b>804</b>	<b>1,095</b>	<b>961</b>	<b>772</b>	<b>768</b>	<b>871</b>	<b>851</b>	<b>753</b>	<b>1,085</b>	<b>1,085</b>

**Review Area Schools not Impacted by New Housing Development, or for which no Growth-related Accommodation Solutions are Required**

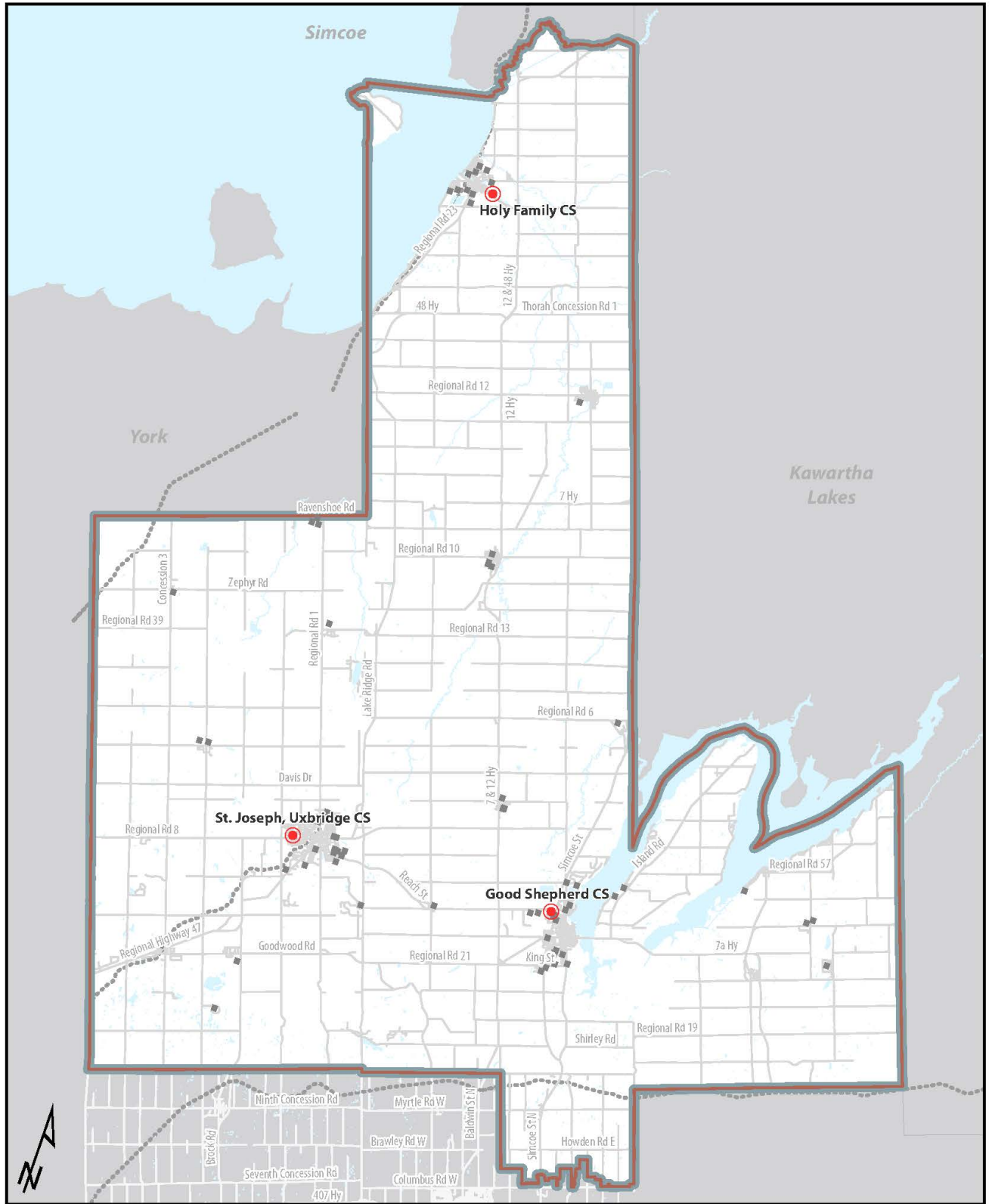
Review Area Schools	OTG Capacity	Current 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	# of Portables	Existing Site Size	
B1 Father J. Verini C.S. (closing in 2019)	0	350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4.92	
B2																				
B3																				
B4																				
B5																				
B6																				
B7																				
B8																				
B9																				
B10																				
B11																				
Totals		350																0	4.92	
<b>B. Total Surplus Pupil Spaces</b>																		0	4.92	

**Review Area Schools Impacted by Housing Growth and for which additional Growth-related Accommodation Solutions are Required**

Review Area Schools	OTG Capacity	Current 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	# of Portables	Existing Site Size	
C1 St. John Bosco C.S.	398	533	531	517	505	472	443	423	419	406	401	393	384	374	364	353	341	4	5.71	
ROND																				
C2 St. Kateri Tekakwitha C.S.	372	514	559	613	651	683	701	706	702	697	688	665	648	630	614	604	598	6	5.02	
ROND																				
C3 Bertha Road - Windfield, North Oshawa	412	-	351	356	352	354	357	346	354	353	346	335	326	316	307	297	282	0	6.03	
ROND																				
C4																				
C5																				
C6																				
C7																				
C8																				
Totals	1,182	1,047	1,491	1,598	1,675	1,747	1,790	1,869	1,963	2,037	2,100	2,145	2,198	2,232	2,273	2,294	2,287	10	16.76	
<b>C. Total Pupil Spaces Available to Accommodate Growth</b>																				
<b>D. Requirements of New Development for Growth Areas (Cumulative)</b>				113	168	233	303	399	484	581	665	752	840	912	988	1,047	1,085			

Note: The Board is excluding any available capacity utilized for holding situations and where a permanent accommodation solution is sought, as well as any available capacity that doesn't meet longer term capital priority needs due to distance.

# Review Area Map CE09



## Durham Catholic District School Board: Education Development Charges Background Study 2019

### Elementary Review Area: CE09



**DURHAM CATHOLIC DISTRICT SCHOOL BOARD - FORMS E AND F  
EDUCATION DEVELOPMENT CHARGES SUBMISSION 2019**

	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Total Yr. 15 Growth- related Pupils
1. No growth-related site needs - four (4) classrooms in Uxbridge and Two (2) classrooms in Scugog. Any site servicing upgrades in Uxbridge																
2.																
3.																
4.																

**Review Area: CE09 - Brock, Scugog & Uxbridge**

Projected Housing Growth	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Total Net New Units 2033/34	Weighted/ Blended Elementary Yield
Low Density	207	463	403	358	281	153	191	389	174	128	159	170	175	177	179	3,407	0.0766
Medium Density	121	70	72	75	59	47	38	41	42	64	60	71	69	69	71	971	0.0424
High Density - Apartments	136	65	15	96	21	97	85	85	56	109	69	69	129	55	42	1,129	0.0063
High Density - Stacked Townhouses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>A. Total Net Dwelling Units</b>	<b>464</b>	<b>588</b>	<b>490</b>	<b>529</b>	<b>361</b>	<b>297</b>	<b>314</b>	<b>315</b>	<b>272</b>	<b>301</b>	<b>288</b>	<b>310</b>	<b>373</b>	<b>303</b>	<b>292</b>	<b>5,507</b>	<b>0.0562</b>

**Review Area Schools not Impacted by New Housing Development, or for which no Growth-related Accommodation Solutions are Required**

Review Area Schools	Current 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Existing Site Size
B1. Good Shepherd C.S., Scugog	387	192	184	173	169	161	154	148	150	143	138	140	138	136	135	134	6.02
B2. Holy Family C.S., Brock	205	84	93	97	101	109	107	111	115	121	115	112	109	108	103	100	8.57
B3. St. Joseph C.S. Uxbridge	300	326	317	315	308	301	298	282	273	260	244	250	248	241	236	228	5.49
B4. Immaculate Conception	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
B5																	
B6																	
B7																	
B8																	
B9																	
B10																	
Totals	692	602	594	585	578	571	559	541	538	524	497	504	491	483	474	462	
Total ROND		22	61	95	126	151	169	194	219	241	260	272	279	288	298	309	
<b>B. Total Surplus Pupil Spaces</b>	<b>90</b>	<b>77</b>	<b>46</b>	<b>20</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20.08</b>

**Review Area Schools Impacted by Housing Growth and for which additional Growth-related Accommodation Solutions are Required**

Review Area Schools	Current 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Existing Site Size
C1																	
C2																	
C3																	
C4																	
C5																	
C6																	
C7																	
C8																	
Totals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>C. Total Pupil Spaces Available to Accommodate Growth</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0.00</b>

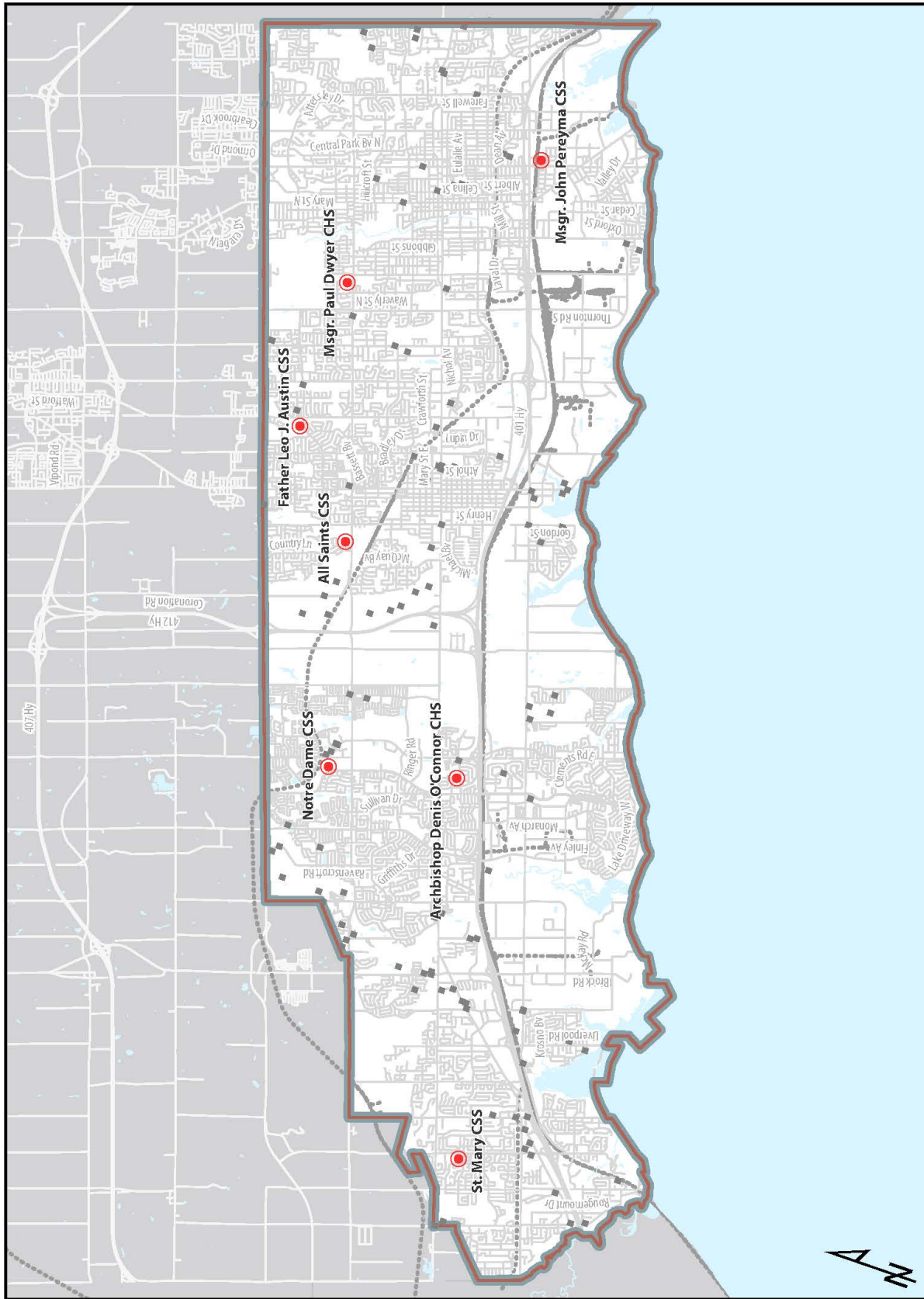
Note: The Board is excluding any available capacity utilized for holding situations and where a permanent accommodation solution is sought, as well as any available capacity that doesn't meet longer term capital priority needs due to distance.

**Form G - Growth-related Elementary Net Education Lands Costs**

Review Area	Description of Growth-related Site Acquisition Needs	Site Status	Proposed Year of Acquisition	NGRPP Requirements Included in 2019 EDC Rates	Proposed School Capacity	% of Capacity Attributable to NGRPP Requirements	Total # of Acres Required	EDC Eligible Acres	Cost per Acre	Education Land Costs	Education Land Costs previously funded from EDC account	Eligible Site Preparation Costs	Site Preparation Costs previously funded from EDC account	Land Escalation Costs	Site Preparation Escalation Costs	Financing Costs	Total Education Land Costs							
CE02	Seaton CES site #1 (SF-2006-03/04)	Designated	2022	4/2	412	100%	5.20	5.20	\$ 3,000,000	\$ 15,600,000	\$ -	\$ 675,480	\$ -	\$ 3,510,671	\$ 70,305	\$ 526,563	\$ 20,383,019							
CE02	Seaton CES site #2 (SF-2009-03)	Designated	2024	4/2	412	100%	6.07	6.07	\$ 3,000,000	\$ 18,210,000	\$ -	\$ 788,493	\$ -	\$ 7,330,467	\$ 117,238	\$ 701,313	\$ 27,147,511							
CE02	Seaton CES site #3 (SF-2009-02)	Designated	2026	4/2	412	100%	6.08	6.08	\$ 3,000,000	\$ 18,240,000	\$ -	\$ 789,732	\$ -	\$ 7,342,544	\$ 154,083	\$ 703,440	\$ 27,229,859							
CE02	Seaton CES site #4 (SF-2015-03)	Designated	2030	4/2	412	100%	5.51	5.51	\$ 3,000,000	\$ 16,530,000	\$ -	\$ 715,749	\$ -	\$ 6,654,180	\$ 210,149	\$ 693,363	\$ 24,749,441							
CE03	New elementary school site in Northeast Pickering	TDB	2032	2/67	412	65%	5.00	3.24	\$ 3,000,000	\$ 9,720,874	\$ -	\$ 420,914	\$ -	\$ 3,913,155	\$ 134,473	\$ 376,282	\$ 14,565,889							
CE04	Audley site (paid for from EDC account 2018)	Owned	2019	0	412	45%	5.51	2.46	\$ 2,135,988	\$ 6,721,678	\$ (15,075,294)	\$ 319,134	\$ -	\$ -	\$ 12,883	\$ 8,805	\$ 340,632							
CE06	West Whitley Monarch north of Dundas (SW-2012-03)	Designated	2023	3/51	412	85%	5.66	4.99	\$ 2,000,000	\$ 9,970,534	\$ (535)	\$ 647,586	\$ -	\$ 3,098,636	\$ 81,701	\$ 365,900	\$ 14,163,822							
CE06	West Whitley Heathwood north of Taunton Rd.	Designated	2025	3/75	412	91%	6.65	6.06	\$ 2,000,000	\$ 12,118,465	\$ -	\$ 787,036	\$ -	\$ 4,878,321	\$ 135,113	\$ 475,185	\$ 18,394,211							
CE06	Brooklin West End	Designated	2019	6/00	600	100%	6.00	6.00	\$ 2,000,000	\$ 12,000,000	\$ -	\$ 779,400	\$ -	\$ -	\$ 31,488	\$ 393,725	\$ 13,150,613							
CE06	Brooklin Northwest	Designated	2027	6/00	600	100%	6.00	6.00	\$ 2,000,000	\$ 12,000,000	\$ -	\$ 779,400	\$ -	\$ 4,630,621	\$ 170,684	\$ 471,517	\$ 18,252,222							
CE06	Brooklin Northeast	Designated	2019	6/00	600	100%	6.00	6.00	\$ 2,000,000	\$ 12,000,000	\$ -	\$ 779,400	\$ -	\$ -	\$ 31,488	\$ 393,725	\$ 13,150,613							
CE08	Bride Road - Winfield, North Oshawa	Owned	2019	0	412	100%	6.03	6.03	\$ 1,371,518	\$ 8,270,254	\$ (8,270,254)	\$ 783,297	\$ -	\$ -	\$ 31,645	\$ 21,611	\$ 836,533							
CE08	Winfields Part II Plan Tribute (SO-2012-01)	Designated	2023	4/2	412	100%	5.98	5.98	\$ 1,750,000	\$ 10,465,000	\$ -	\$ 776,802	\$ -	\$ 3,252,490	\$ 98,003	\$ 386,995	\$ 14,979,250							
CE08	East Katon (SO-2014-03)	Designated	2026	4/2	412	100%	6.00	6.00	\$ 1,750,000	\$ 10,500,000	\$ -	\$ 779,400	\$ -	\$ 4,226,793	\$ 152,055	\$ 415,233	\$ 16,073,481							
CE08	West Katon (SO-2014-06)	Designated	2032	2/81	412	68%	5.92	4.03	\$ 1,750,000	\$ 7,060,893	\$ -	\$ 524,120	\$ -	\$ 2,942,375	\$ 167,445	\$ 280,699	\$ 10,975,792							
<b>Total Elementary Education Land Costs</b>													<b>5,546</b>	<b>6,744</b>	<b>87.8</b>	<b>79.6</b>	<b>\$ 179,407,729</b>	<b>\$ (23,346,033)</b>	<b>\$ 10,346,063</b>	<b>\$ -</b>	<b>\$ 51,880,243</b>	<b>\$ 1,598,763</b>	<b>\$ 6,062,868</b>	<b>\$ 234,292,918</b>

SECONDARY REVIEW AREAS

# Review Area Map CS01



Durham Catholic District School Board: Education Development Charges Background Study 2019

Secondary Review Area: CS01

- Secondary School
- Housing Development
- CS01 Boundary
- Streets
- Rails

DURHAM CATHOLIC DISTRICT SCHOOL BOARD - FORMS E AND F  
EDUCATION DEVELOPMENT CHARGES SUBMISSION 2019

1. No growth-related site needs	Projected Housing Growth																	Total Net New Growth-related Pupils
	Total NRPP	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34		
2.	0	1,015	1,101	1,201	1,311	1,431	1,561	1,701	1,851	2,011	2,181	2,361	2,551	2,751	2,961	3,181	380	
3.		1,697	1,955	2,281	2,681	3,151	3,691	4,301	4,991	5,751	6,581	7,481	8,451	9,491	10,601	11,781	416	
4.		964	1,511	2,176	2,951	3,841	4,851	5,991	7,261	8,661	10,191	11,851	13,641	15,561	17,611	19,781	156	
<b>A. Total Net Dwelling Units</b>																	953	

**Review Area CS01 - South of Taunton Rd.**

Review Area Schools	OTG Capacity 2019/19	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Existing Site # of Portables Site
		2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	
B1. All Saints C.S.S.	804	773	744	646	640	555	461	415	375	346	340	336	328	338	340	337	14.96
B2. Archbishop Denis O'Connor C.H.S.	753	667	608	623	636	647	657	618	582	546	540	555	561	585	562	557	4.05
B3. Father Don McElliott CSS	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
B4. Father Leo J. Austin C.S.S.	1,110	969	969	926	944	919	984	913	869	878	868	876	897	877	874	868	16.15
B5. Monsignor Paul Dwyer C.H.S.	888	880	896	823	721	708	659	704	731	701	721	732	732	747	724	717	21.30
B6. Msgr. J. Pereyema C.S.S.	564	388	347	373	370	396	403	395	383	348	329	311	310	311	301	286	11.62
B7. Notre Dame C.S.S.	1,152	1,118	1,140	1,170	1,259	1,299	1,307	1,284	1,243	1,136	1,136	1,113	1,092	1,129	1,100	1,089	21.28
B8. St. Mary C.S.S.	1,374	1,565	1,542	1,488	1,439	1,413	1,445	1,370	1,352	1,328	1,331	1,371	1,397	1,390	1,351	1,335	10.43
B9. Alternative Education	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
B10. Totals	6,729	6,327	6,231	6,049	6,010	5,937	5,867	5,699	5,536	5,283	5,265	5,295	5,316	5,378	5,253	5,189	
Total ROND		376	349	483	483	322	410	486	556	608	655	716	790	852	908	953	
Total Surplus Pupil Spaces		377	349	483	483	470	462	544	637	697	748	818	918	999	1,089	1,156	

**Review Area Schools Impacted by Housing Growth and for which additional Growth-related Accommodation Solutions are Required**

C1. ROND	OTG Capacity 2019/19	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15	Existing Site # of Portables Site
		2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	
C2. ROND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C3. ROND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C4. ROND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C5. ROND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C6. ROND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C7. ROND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C8. ROND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Totals		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
<b>C. Total Pupil Spaces Available to Accommodate Growth</b>																	

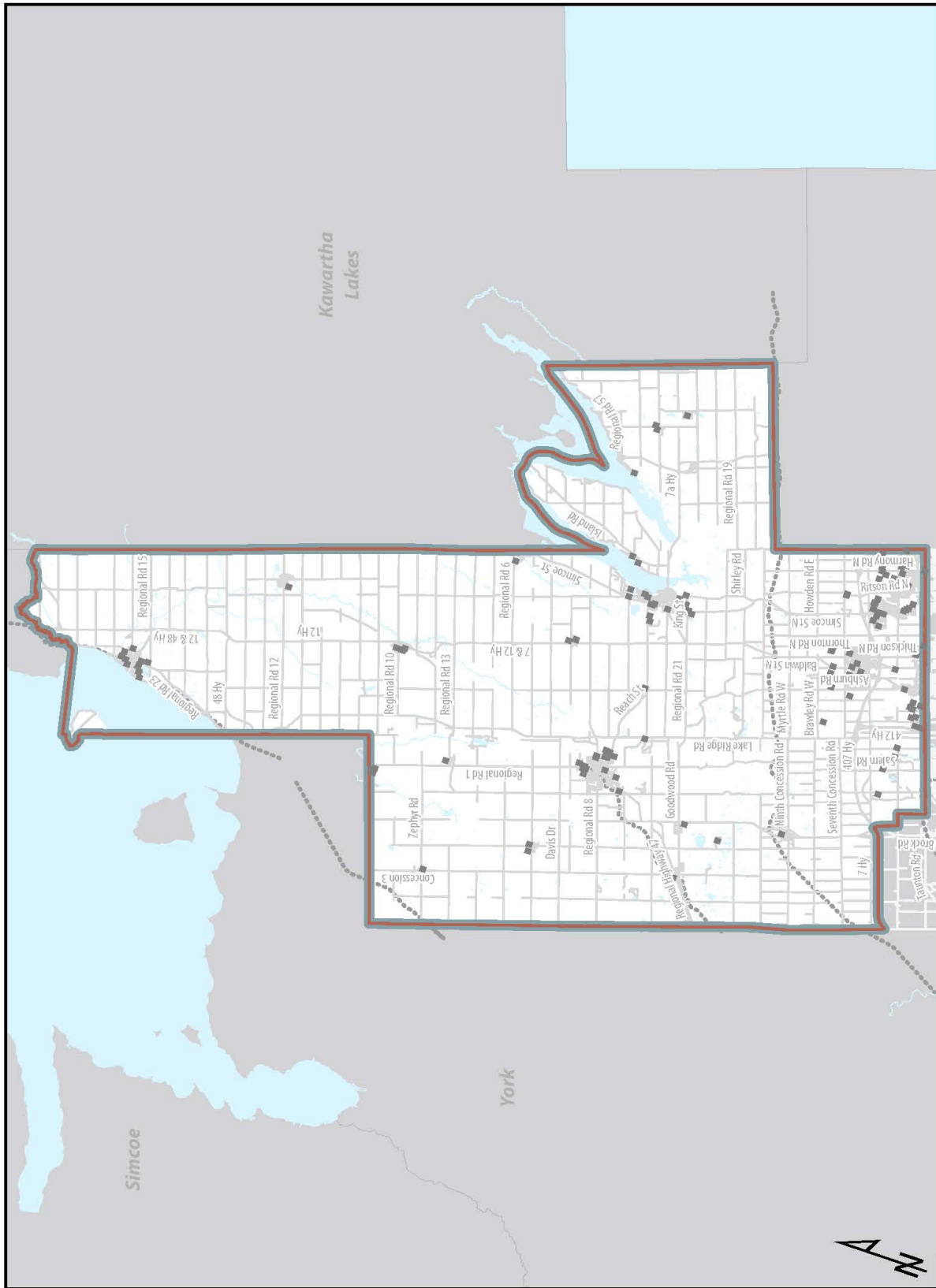
**D. Requirements of New Development for Growth Areas (Cumulative)**

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: The Board is excluding any available capacity utilized for holding situations and where a permanent accommodation solution is sought, as well as any available capacity that doesn't meet longer term capital priority needs due to distance.



Review Area Map CS02



Durham Catholic District School Board: Education Development Charges Background Study 2019

Secondary Review Area: CS02



**DURHAM CATHOLIC DISTRICT SCHOOL BOARD - FORMS E AND F**  
**EDUCATION DEVELOPMENT CHARGES SUBMISSION 2019**

1. Two secondary sites - Brooklin and North Oshawa		Projected Housing Growth																Weighted/ Blended Elementary Yield	Total Net New Units 2023/24	Total Yr. 15 Growth-related Pupils
Total NCRPP		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15				
		2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34				
Low Density		1,011	1,435	1,382	1,409	1,376	1,289	1,209	1,946	1,695	1,859	1,733	1,846	1,679	1,839	1,161		22,888	771	
Medium Density		67	694	535	574	502	630	641	921	922	1,113	1,092	1,057	1,006	845	633		11,837	315	
High Density - Apartments		303	454	230	632	512	348	160	770	739	251	289	491	533	495	160		6,367	33	
High Density - Stacked Townhouses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
<b>Total Net Dwelling Units</b>		<b>1,986</b>	<b>2,893</b>	<b>2,147</b>	<b>2,615</b>	<b>2,930</b>	<b>2,267</b>	<b>2,010</b>	<b>3,657</b>	<b>3,356</b>	<b>3,223</b>	<b>3,114</b>	<b>3,398</b>	<b>3,218</b>	<b>3,179</b>	<b>1,954</b>		<b>41,092</b>	<b>1,119</b>	

**Review Area: CS02 - North of Taunton Rd.**

Projected Housing Growth		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13	Year 14	Year 15
		2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34
Low Density		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Medium Density		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
High Density - Apartments		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
High Density - Stacked Townhouses		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Net Dwelling Units</b>		<b>1,986</b>	<b>2,893</b>	<b>2,147</b>	<b>2,615</b>	<b>2,930</b>	<b>2,267</b>	<b>2,010</b>	<b>3,657</b>	<b>3,356</b>	<b>3,223</b>	<b>3,114</b>	<b>3,398</b>	<b>3,218</b>	<b>3,179</b>	<b>1,954</b>

**Review Area Schools not Impacted by New Housing Development, or for which no Growth-related Accommodation Solutions are Required**

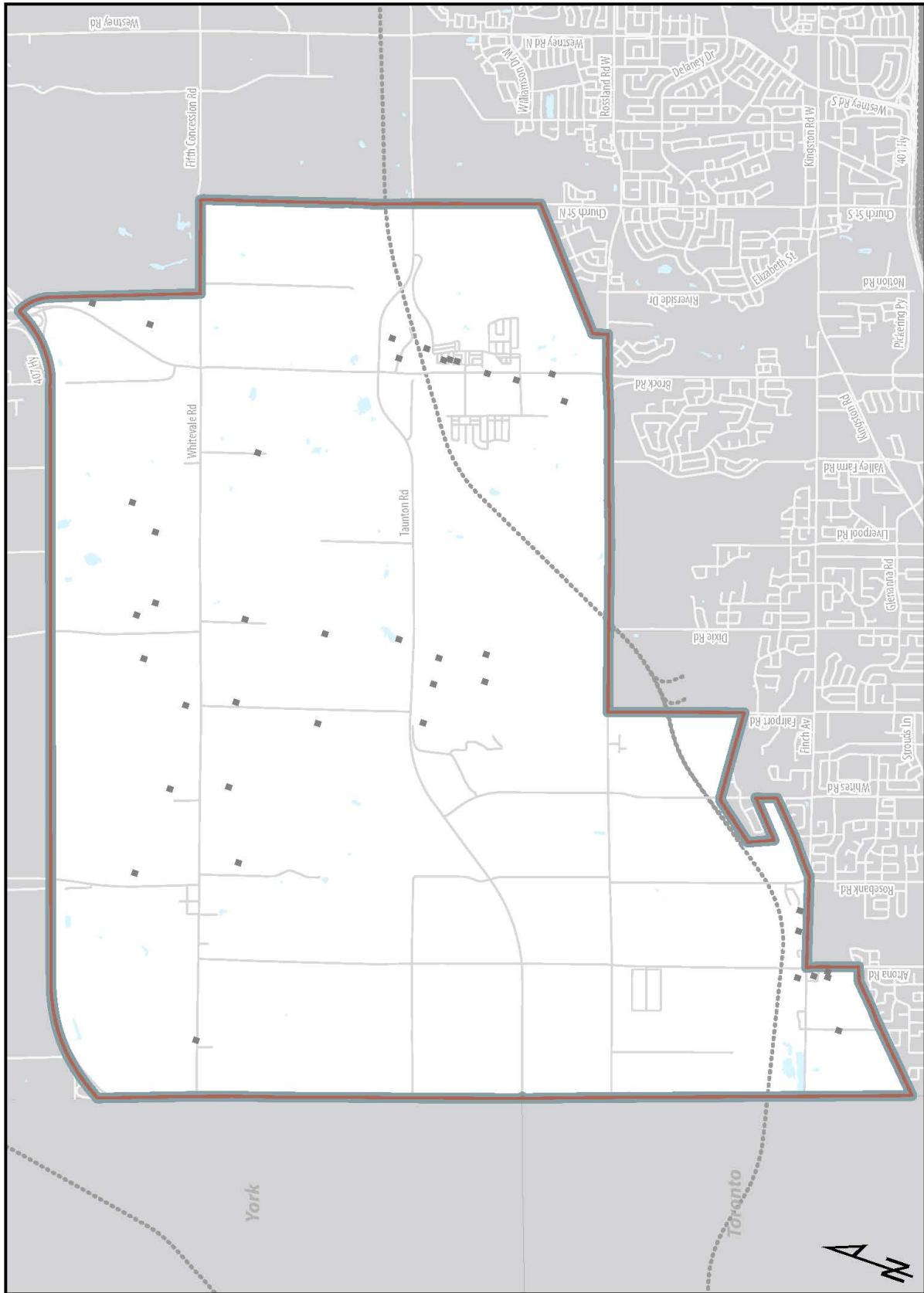
Review Area Schools	OTG Capacity 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	# of Portables	Existing Site Size
B1																		
B2																		
B3																		
B4																		
B5																		
B6																		
B7																		
B8																		
B9																		
B10																		
<b>Totals</b>																	<b>0</b>	<b>0.00</b>
<b>Total ROND</b>																	<b>0</b>	<b>0.00</b>

**Review Area Schools Impacted by Housing Growth and for which additional Growth-related Accommodation Solutions are Required**

Review Area Schools	OTG Capacity 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	# of Portables	Existing Site Size
C1 Future Brooklin CHS	-	-	-	82	165	248	330	313	280	249	222	209	210	208	203	202	0	0.00
ROND				67	91	115	156	201	273	343	419	493	573	668	764	846	0	0.00
C2 Future North Oshawa CHS	-	-	-	112	231	347	467	536	520	494	480	467	484	481	480	469	0	0.00
ROND				39	53	69	90	111	133	153	176	201	221	243	262	273	0	0.00
C3																		
ROND																		
C4																		
ROND																		
C5																		
ROND																		
C6																		
ROND																		
C7																		
ROND																		
C8																		
ROND																		
<b>Totals</b>				<b>300</b>	<b>541</b>	<b>778</b>	<b>1,033</b>	<b>1,160</b>	<b>1,206</b>	<b>1,239</b>	<b>1,297</b>	<b>1,371</b>	<b>1,487</b>	<b>1,601</b>	<b>1,709</b>	<b>1,790</b>	<b>0</b>	<b>0.00</b>
<b>Total Pupil Spaces Available to Accommodate Growth</b>																		
<b>D. Requirements of New Development for Growth Areas (Cumulative)</b>		<b>70</b>	<b>106</b>	<b>145</b>	<b>183</b>	<b>246</b>	<b>311</b>	<b>311</b>	<b>406</b>	<b>486</b>	<b>594</b>	<b>684</b>	<b>794</b>	<b>912</b>	<b>1,025</b>	<b>1,119</b>		

Note: The Board is excluding any available capacity utilized for holding situations and where a permanent accommodation solution is sought, as well as any available capacity that doesn't meet longer term capital priority needs due to distance.

# Review Area Map CS03



Durham Catholic District School Board: Education Development Charges Background Study 2019

Secondary Review Area: CS03

- Secondary School
- Housing Development
- CS03 Boundary
- Streets
- Rails

**DURHAM CATHOLIC DISTRICT SCHOOL BOARD - FORMS E AND F**  
**EDUCATION DEVELOPMENT CHARGES SUBMISSION 2019**

1. Seaton secondary site (SP-2008-11)	Projected Housing Growth																	Total Yr. 15 Growth-related Pupils
	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Weighted/Blended Elementary Yield	Total Net New Units 2033/34	
	522	681	634	620	553	504	568	535	493	445	421	313	315	215	215	0.0754	6,959	525
2.	275	575	549	561	534	508	916	909	908	884	884	751	602	516	382	0.0381	9,754	372
3.	-	-	-	72	72	-	908	906	557	549	614	614	583	423	381	0.0088	5,934	52
4.	797	1,206	1,188	1,253	1,159	1,012	2,392	2,370	1,958	1,878	2,154	1,678	1,500	1,154	953	0.0419	22,647	949

**Review Area: CS03 - Seaton & North Pickering**

Projected Housing Growth	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	Weighted/Blended Elementary Yield	Total Net New Units 2033/34	Total Yr. 15 Growth-related Pupils
Low Density	522	681	634	620	553	504	568	535	493	445	421	313	315	215	215	0.0754	6,959	525
Medium Density	275	575	549	561	534	508	916	909	908	884	884	751	602	516	382	0.0381	9,754	372
High Density - Apartments	-	-	-	72	72	-	908	906	557	549	614	614	583	423	381	0.0088	5,934	52
High Density - Stacked Townhouses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Net Dwelling Units</b>	<b>797</b>	<b>1,206</b>	<b>1,188</b>	<b>1,253</b>	<b>1,159</b>	<b>1,012</b>	<b>2,392</b>	<b>2,370</b>	<b>1,958</b>	<b>1,878</b>	<b>2,154</b>	<b>1,678</b>	<b>1,500</b>	<b>1,154</b>	<b>953</b>	<b>0.0419</b>	<b>22,647</b>	<b>949</b>

**Review Area Schools not Impacted by New Housing Development, or for which no Growth-related Accommodation Solutions are Required**

Review Area Schools	OTG Capacity	Current 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	# of Portables	Existing Site Size
B1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
B2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
B3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
B4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
B5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
B6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
B7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
B8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
B9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
B10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
Totals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
Total ROND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
Total Surplus Pupil Spaces	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00

**Review Area Schools Impacted by Housing Growth and for which additional Growth-related Accommodation Solutions are Required**

Review Area Schools	OTG Capacity	Current 2018/19	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	# of Portables	Existing Site Size
C1 Future Seaton CHS	-	-	27	66	105	144	179	240	330	419	508	580	662	745	822	889	949	0	0.00
C2 ROND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
C3 ROND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
C4 ROND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
C5 ROND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
C6 ROND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
C7 ROND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
C8 ROND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.00
Totals	-	-	27	66	105	144	179	240	330	419	508	580	662	745	822	889	949	0	0.00
<b>Total Pupil Spaces Available to Accommodate Growth</b>	-	-	27	66	105	144	179	240	330	419	508	580	662	745	822	889	949	0	0.00

**D Requirements of New Development for Growth Areas (Cumulative)**

Requirements of New Development for Growth Areas (Cumulative)	Year 1 2019/20	Year 2 2020/21	Year 3 2021/22	Year 4 2022/23	Year 5 2023/24	Year 6 2024/25	Year 7 2025/26	Year 8 2026/27	Year 9 2027/28	Year 10 2028/29	Year 11 2029/30	Year 12 2030/31	Year 13 2031/32	Year 14 2032/33	Year 15 2033/34	# of Portables	Existing Site Size
	66	144	179	240	330	419	508	580	662	745	822	889	949	949	949	0	0.00

Note: The Board is excluding any available capacity utilized for holding situations and where a permanent accommodation solution is sought, as well as any available capacity that doesn't meet longer term capital priority needs due to distance.

**Form 6 - Growth-related Secondary Net Education Lands Costs**

Review Area	Description of Growth-related Site Acquisition Needs	Site Status	Proposed Year of Acquisition	NGRPP Requirements Included in 2019 EDC Rates	Proposed School Capacity	% of Capacity Attributable to NGRPP Requirements	Total # of Acres Required	EDC Eligible Acres	Cost per Acre	Education Land Costs	Eligible Site Preparation Costs	Site Preparation Costs previously funded from EDC account	Land Escalation Costs	Site Preparation Escalation Costs	Financing Costs	Total Education Land Costs						
CS02	North/Central/East Brooklin secondary site (created for original Brooklin CSS site acquired from EDC account in 2008/09)	Designated	2020	804	804	100%	16.00	16.00	2,500.00	40,000.00	2,076,400	-	2,396,512	149,271	1,025,646	38,702,290						
CS02	Taunton Part II Plan - North Osborne at Legends	Designated	2024	804	804	100%	12.55	12.55	2,250.00	28,237.50	1,600,495	-	11,367,054	261,121	1,100,469	42,366,238						
CS03	Seaton secondary site (SP-2008-11)	Designated	2028	804	804	100%	17.20	17.20	3,250.00	55,900.00	2,284,200	-	22,262,642	571,547	2,163,526	83,361,994						
<b>Total Secondary Education Land Costs</b>														<b>2,412</b>	<b>468</b>	<b>\$ 124,137,500</b>	<b>(5,935,539)</b>	<b>\$ 59,422,965</b>	<b>\$ 36,254,208</b>	<b>\$ 961,938</b>	<b>\$ 4,279,361</b>	<b>\$ 165,660,613</b>

**DURHAM CATHOLIC DISTRICT SCHOOL BOARD**  
**Education Development Charges Submission 2019**  
**Form H1 - EDC Calculation - Uniform Residential and Non-Residential**

**Determination of Total Growth-Related Net Education Land Costs**

<b>Total</b>	15-Year Education Land Costs (Form G)	\$	399,755,358
<b>Add:</b>	EDC Financial Obligations (Form G)	\$	10,939,346
<b>Less</b>	Operating Budget Savings	\$	-
	Alternative Accommodation Arrangements	\$	-
	Positive EDC Account Balance	\$	-
<b>Subtotal</b>	<b>Growth-Related Net Education Land Costs</b>	<b>\$</b>	<b>410,694,704</b>
Add	EDC Study Costs	\$	420,000
<b>Total</b>	<b>Growth-Related Net Education Land Costs</b>	<b>\$</b>	<b>411,114,704</b>

**Apportionment of Total 15-Year Growth-Related Net Education Land Costs**

Total Growth-Related Net Education Land Costs to be Attributed to Non-Residential Development (Maximum 40%)	0%	\$	-
Total Growth-Related Net Education Land Costs to be Attributed to Residential Development	100%	\$	411,114,704

**Calculation of Uniform Residential Charge**

Residential Growth-Related Net Education Land Costs	\$	411,114,704
Net New Dwelling Units (Form C)		102,676
Uniform Residential EDC per Dwelling Unit	\$	4,004

**Calculation of Non-Residential Charge - Based on Board Determined GFA**

Non-Residential Growth-Related Net Education Land Costs		\$	-
<b>GFA Method</b>	Non-Exempt Board-Determined GFA (Form D)		61,320,251
	Non-Residential EDC per Square Foot of GFA	\$	-

Financing costs related to 15-year Projected EDC-eligible expenditures (to be distributed proportionately through EDC Submission Sheets)

\$ 10,332,169

**DURHAM CATHOLIC DISTRICT SCHOOL BOARD**  
 Ontario Ministry of Education  
 Education Development Charges Submission 2019  
 Form H2 - EDC Calculation - Differentiated Residential and Non-Residential

Residential Growth-Related Net Education Land Cost \$ 411,114,704

**City of Ottawa Differentiated Jurisdiction-wide Rate**

**Determination of Distribution of New Development**

Type of Development (Form B)	Net New Units (Form B & C)	15-Year Elementary Pupil Yield (Form E)	Elementary Gross Requirements of New Development	Distribution of Elementary Gross Requirements of New Development	15-Year Secondary Pupil Yield (Form E)	Secondary Gross Requirements of New Development	Distribution of Secondary Gross Requirements of New Development	Total Gross Requirements of New Development	Distribution Factor
Low Density	37,236	0.1549	5,768	62.92%	0.0450	1,677	55.50%	7,445	61.08%
Medium Density	31,917	0.0922	2,944	32.11%	0.0346	1,103	36.51%	4,047	33.20%
High Density	33,523	0.0136	455	4.96%	0.0072	241	7.98%	696	5.71%
<b>Total Units</b>	<b>102,676</b>	<b>0.0893</b>	<b>9,167</b>	<b>100.00%</b>	<b>0.0294</b>	<b>3,021</b>	<b>100.00%</b>	<b>12,188</b>	<b>100.00%</b>

Jurisdiction-wide Cost per Dwelling Unit \$4,004

**Calculation of Differentiated Charge Based on Pupil Yields per Unit:**

Type of Development (Form B)	Apportionment of Residential Net Education Land Cost by Development Type	Net New Units	Differentiated Residential EDC per Unit by Development Type
Low Density	\$251,126,038	37,236	\$ 6,744
Medium Density	\$136,505,320	31,917	\$ 4,277
High Density	\$23,483,346	33,523	\$ 701
<b>Total EDC Revenue Generated:</b>	<b>\$411,114,704</b>	<b>102,676</b>	

**Calculation of Differentiated Charge Based on Persons per Unit:**

Type of Development (Form B)	Apportionment of Residential Net Education Land Cost by Development Type	Net New Units	Differentiated Residential EDC per Unit by Development Type
Singles and Semi-Detached (3.46 PPU)	\$244,531,595	37,236	\$ 6,567
Medium Density (2.78 PPU)	\$107,930,052	31,917	\$ 3,382
Apartment Units (1778 PPU)	\$58,653,057	33,523	\$ 1,750
<b>Total EDC Revenue Generated:</b>	<b>\$411,114,704</b>	<b>102,676</b>	

**APPENDIX B - DRAFT EDC BY-LAW**

**DURHAM CATHOLIC DISTRICT SCHOOL BOARD  
EDUCATION DEVELOPMENT CHARGES BY-LAW, 2019**

A by-law for the imposition of education development charges

**WHEREAS** section 257.54 (1) of the *Education Act* provides that a district school board may pass by-laws for the imposition of education development charges against land in its area of jurisdiction undergoing residential development if there is residential development in the area of jurisdiction of the district school board that would increase education land costs and the residential development requires one or more of the actions identified in section 257.54(2) of the *Education Act*;

**AND WHEREAS** the Durham Catholic District School Board has referred to the Minister of Education the following estimates for approval:

- (i) the total number of new school pupils; and
- (ii) the number of school sites used to determine the net education land costs;

which estimates the Minister of Education approved on April 1, 2019 in accordance with section 10 of Ontario Regulation 20/98;

**AND WHEREAS** the Durham Catholic District School Board has satisfied the conditions prescribed by section 10 of Ontario Regulation 20/98 in order for it to pass an education development charge by-law;

**AND WHEREAS** the Durham Catholic District School Board has conducted a review of its education development charge policies and held a public meeting on March 26, 2019, in accordance with section 257.60 of the *Education Act*;

**AND WHEREAS** the Durham Catholic District School Board has given a copy of the education development charge background study relating to this by-law to the Minister of Education and to each school board having jurisdiction within the area to which this by-law applies;

**AND WHEREAS** the Durham Catholic District School Board has given notice and held public meetings on March 26, 2019, and April 15, 2019, in accordance with section 257.63(1) of the *Education Act* and permitted any person who attended the public meetings to make representations in respect of the proposed education development charges;

**AND WHEREAS** the Durham Catholic District School Board has determined in accordance with section 257.63(3) of the *Education Act* that no additional public meeting is necessary in respect of this by-law;

**NOW THEREFORE THE DURHAM CATHOLIC DISTRICT SCHOOL BOARD  
HEREBY ENACTS AS FOLLOWS:**



## PART I

### APPLICATION

#### Defined Terms

1. In this by-law,
  - (a) “Act” means the *Education Act*, R.S.O. 1990, c.E.2, as amended, or a successor statute;
  - (b) “agricultural use” means lands, buildings or structures used, or designed or intended for use for the purpose of a *bona fide* farming operation including, but not limited to, animal husbandry, dairying, fallow, field crops, removal of sod, forestry, fruit farming, horticulture, market gardening, pasturage, poultry keeping and any other activities customarily carried on in the field of agriculture;
  - (c) “Board” means the Durham Catholic District School Board;
  - (d) “development” includes redevelopment;
  - (e) “dwelling unit” means a room or suite of rooms used, or designed or intended for use by one person or persons living together, in which culinary and sanitary facilities are provided for the exclusive use of such person or persons, and shall include, but is not limited to, a dwelling unit or units in an apartment, group home, mobile home, duplex, triplex, semi-detached dwelling, single detached dwelling, stacked townhouse and townhouse;
  - (f) “education land costs” means costs incurred or proposed to be incurred by the Board,
    - (i) to acquire land or an interest in land, including a leasehold interest, to be used by the Board to provide pupil accommodation;
    - (ii) to provide services to the land or otherwise prepare the site so that a building or buildings may be built on the land to provide pupil accommodation;
    - (iii) to prepare and distribute education development charge background studies as required under the Act;
    - (iv) as interest on money borrowed to pay for costs described in paragraphs (i) and (ii); and
    - (v) to undertake studies in connection with an acquisition referred to in paragraph (i).
  - (g) “education development charge” means charges imposed pursuant to this by-law in accordance with the Act;
  - (h) “local board” means a local board as defined in the *Municipal Affairs Act*, other than a board defined in section 257.53(1) of the Act;

- (i) “mixed use” means land, buildings or structures used, or designed or intended for use, for a combination of non-residential and residential uses;
  - (j) “non-residential use” means lands, buildings or structures or portions thereof used, or designed or intended for use for other than residential use, and includes, but is not limited to, an office, retail, industrial or institutional use;
  - (k) “*Planning Act*” means the *Planning Act*, R.S.O. 1990, c. P.13, as amended;
  - (l) “Region” means the Regional Municipality of Durham;
  - (m) “Regulation” means Ontario Regulation 20/98, as amended, made under the Act;
  - (n) “residential development” means lands, buildings or structures developed or to be developed for residential use.
  - (o) “residential use” means lands, buildings or structures used, or designed or intended for use as a dwelling unit or units, and shall include a residential use accessory to a non-residential use and the residential component of a mixed use or of an agricultural use;
2. In this by-law where reference is made to a statute or a section of a statute such reference is deemed to be a reference to any successor statute or section.

### **Lands Affected**

3. (1) Subject to section 3(2), this by-law applies to all lands in the Region excluding lands in the Municipality of Clarington.
- (2) This by-law shall not apply to lands that are owned by and are used for the purposes of:
- (i) the Region or a local board thereof;
  - (ii) a municipality or a local board thereof;
  - (iii) a board as defined in section 257.53(1) of the Act;
  - (iv) a public hospital receiving aid under the *Public Hospitals Act*, R.S.O. 1990, c. P.40;
  - (v) a publicly-funded university, community college, college of applied arts and technology established under the *Ministry of Colleges and Universities Act* or a predecessor statute, or a private elementary or secondary school;
  - (vi) a religious organization, but only when used and occupied as the principal residence of the clergy associated with the religious organization;
  - (vii) a seminary of learning maintained for philanthropic, religious or educational purposes that is exempt from taxation under the *Assessment Act*, the whole profits from which are devoted or applied to such purposes.

### **Approvals for Development**

4. (1) Education development charges shall be imposed against all lands, buildings or structures undergoing residential development if the development requires one or more of the following:
  - (a) the passing of a zoning by-law or of an amendment thereto under section 34 of the *Planning Act*;
  - (b) the approval of a minor variance under section 45 of the *Planning Act*;
  - (c) a conveyance of land to which a by-law passed under subsection 50(7) of the *Planning Act* applies;
  - (d) the approval of a plan of subdivision under section 51 of the *Planning Act*;
  - (e) a consent under section 53 of the *Planning Act*;
  - (f) the approval of a description under section 9 of the *Condominium Act, 1998*, S.O. 1998, Chapter 19; or
  - (g) the issuing of a permit under the *Building Code Act, 1992* in relation to a building or structure.
- (2) In respect of a particular development an education development charge will be collected once, but this does not prevent the application of this by-law to future development on the same property.
5. The Board has determined that the residential development of land to which this by-law applies increases education land costs.

### **Categories of Development and Uses of Land Subject to Education Development Charges**

6. Subject to the provisions of this by-law, education development charges shall be imposed upon all categories of residential development.
7. Subject to the provisions of this by-law, education development charges shall be imposed upon all residential uses of land, buildings or structures.

## **PART II**

### **EDUCATION DEVELOPMENT CHARGES**

#### **Residential Education Development Charges**

8. Subject to the provisions of this by-law, an education development charge of \$786 per dwelling unit shall be imposed upon the designated categories of residential development and the designated residential uses of land, buildings or structures, including a dwelling unit accessory to a non-residential use, and, in the case of a mixed-use building or structure, upon the dwelling units in the mixed-use building or structure.

## Exemptions from Residential Education Development Charges

9. (1) In this section,
  - (i) gross floor area means the total floor area, measured between the outside of exterior walls or between the outside of exterior walls and the centre line of party walls dividing the building from another building, of all floors above the average level of finished ground adjoining the building at its exterior walls;
  - (ii) other residential building means a residential building not in another class of residential building described in this section;
  - (iii) semi-detached or row dwelling means a residential building consisting of one dwelling unit having one or two vertical walls, but no other parts, attached to another structure;
  - (iv) single detached dwelling means a residential building consisting of one dwelling unit that is not attached to another building.
- (2) Subject to sections 9(3) and (4), education development charges shall not be imposed with respect to,
  - (i) the enlargement of an existing dwelling unit that does not create an additional dwelling unit;
  - (ii) the creation of one or two additional dwelling units in an existing single detached dwelling; or
  - (iii) the creation of one additional dwelling unit in a semi-detached dwelling, a row dwelling, or any other residential building.
- (3) Notwithstanding section 9(2)(b), education development charges shall be imposed in accordance with section 8 if the total gross floor area of the additional unit or two additional dwelling units exceeds the gross floor area of the existing single detached dwelling.
- (4) Notwithstanding section 9(2)(c), education development charges shall be imposed in accordance with section 8 if the additional dwelling unit has a gross floor area greater than,
  - (i) in the case of a semi-detached or row dwelling, the gross floor area of the existing dwelling unit; or
  - (ii) in the case of any other residential building, the gross floor area of the smallest dwelling unit already contained in the residential building.
- (5) For the purposes of this section 9, an “additional dwelling unit” is a dwelling unit for which the application for the building permit for such additional dwelling unit is submitted no sooner than twelve months after the earliest of the dates on which any of the following events occurs:

- (i) the issuance of a certificate of occupancy for the dwelling unit already in the building;
  - (ii) if no certificate of occupancy is issued by the area municipality, the occupancy of the dwelling unit already in the building, as established by proper evidence of such occupancy; or,
  - (iii) the delivery of the certificate of completion, pursuant to subsection 13(3) of the Ontario New Home Warranties Plan Act, R.S.O. 1990, c. O.31, for the dwelling unit already in the building.
10. (1) Education development charges under section 8 shall not be imposed with respect to the replacement, on the same site, of a dwelling unit that was destroyed by fire, demolition or otherwise, or that was so damaged by fire, demolition or otherwise as to render it uninhabitable.
- (2) Notwithstanding section 10(1), education development charges shall be imposed in accordance with section 8 if the building permit for the replacement dwelling unit is issued more than 2 years after,
- (i) the date the former dwelling unit was destroyed or became uninhabitable; or
  - (ii) if the former dwelling unit was demolished pursuant to a demolition permit issued before the former dwelling unit was destroyed or became uninhabitable, the date the demolition permit was issued.
- (3) Notwithstanding section 10(1), education development charges shall be imposed in accordance with section 8 against any dwelling unit or units on the same site in addition to the dwelling unit or units being replaced. The onus is on the applicant to produce evidence to the satisfaction of the Board, acting reasonably, to establish the number of dwelling units being replaced.

### PART III

#### ADMINISTRATION

##### **Payment of Education Development Charges**

- 11. Education development charges are payable in full to the area municipality in which the development takes place on the date a building permit is issued in relation to a building or structure on land to which this education development charge by-law applies.
- 12. The treasurer of the Board shall establish and maintain an educational development charge account in accordance with the Act, the Regulation and this by-law.

##### **Payment by Services**

- 13. Notwithstanding the payments required under section 11, and subject to section 257.84 of the Act, the Board may, by agreement, permit an owner to provide land for pupil

accommodation in lieu of the payment of all or a part of the education development charges.

**Collection of Unpaid Education Development Charges**

14. Section 349 of the *Municipal Act, 2001* applies with necessary modifications with respect to an education development charge or any part of it that remains unpaid after it is payable.

**Date By-law In Force**

15. This by-law shall come into force on May 1, 2019.

**Date By-law Expires**

16. This by-law shall expire five years after the date it comes into force, unless it is repealed at an earlier date.

**Repeal**

17. The Durham Catholic District School Board Education Development Charges By-law No. 5 (2014) is repealed on the day this by-law comes into force.

**Severability**

18. In the event any provision, or part thereof, of this by-law is found by a court of competent jurisdiction to be *ultra vires*, such provision, or part thereof, shall be deemed to be severed, and the remaining portion of such provision and all other provisions of this by-law shall remain in full force and effect.

**Interpretation**

19. Nothing in this by-law shall be construed so as to commit or require the Board to authorize or proceed with any capital project at any time.

**Short Title**

20. This by-law may be cited as the Durham Catholic District School Board Education Development Charges By-Law No. 6 (2019).

ENACTED AND PASSED this 15th day of April, 2019.

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Chairperson

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Director of Education and Secretary



## **APPENDIX C - BACKGROUND DOCUMENT PERTAINING TO A REVIEW OF THE EDUCATION DEVELOPMENT CHARGES POLICIES OF THE DURHAM CATHOLIC DSB**

The policy review document outlined herein is intended to provide the reader with an overview of the education development charge policies underlying the existing EDC by-law of the Durham Catholic District School Board pursuant to Section 257.60, Division E, of the *Education Act*, as follows:

“Before passing an education development charge by-law, the board shall conduct a review of the education development charge policies of the board.”

Moreover, each board is required to:

1. Ensure that adequate information is made available to the public (i.e. this document); and
2. Hold at least one public meeting, with appropriate notification of the meeting.

While this section of the report outlines several of the considerations in making EDC policy decisions, it is noted that the enactment of O. Reg. 438/18 eliminates several of the policy decisions until such time as the Province has completed its review of the legislation.

### **C.1 DCDSB Existing EDC By-law in the Region of Durham (except Clarington)**

The Durham Catholic District School Board adopted and implemented EDC by-laws governing the entire Region of Durham (except Clarington) in 1999, 2004, 2009 and again in 2014. The Board’s existing by-law was adopted on April 22, 2014 with implementation of the approved charges on May 2, 2014. The Board held two public meetings (including consideration of by-law adoption) and conducted stakeholder sessions as part of the 2014 EDC consultation process.

In accordance with the legislation, DCDSB EDC by-law may be in effect for no more than 5 years and will expire no later than May 2, 2019.

### **C.2 Overview of EDC Policies**

This section of the report provides an overview of the key education development charge policy issues that will be dealt with under the Board’s proposed EDC by-law. The Board of Trustees, after consideration of public input, will make decisions on some of these policy issues prior to passage of the new EDC by-law anticipated to occur on April 15, 2019.

The policy decisions to be considered by the Board of Trustees, prior to by-law adoption, are as follows:



1. What portion of the net education land costs are to be recovered from residential and non-residential (e.g. industrial, commercial and institutional) development? No longer a policy decision under O. Reg. 438/18 if one of the rates would exceed the comparable ‘capped’ rate.
2. Are the charges to be applied on an area-specific or jurisdiction-wide basis? No longer a policy decision under O. Reg. 438/18.
3. Does the Board wish to exempt any residential or non-residential development? If so, how does the Board propose to fund the shortfall?
4. Does the Board wish to provide any demolition or conversion credits beyond that specified in the legislation?
5. What by-law term is proposed by the Board; five years, or something less?
6. Does the Board wish to apply surplus operating funds, if any, to reduce the charge? No longer a legislative requirement under O. Reg. 438/18 to adopt a board resolution dealing with the application of any operating surpluses.
7. Are there any possible accommodation arrangements with private or public-sector agencies that would effectively reduce the charge? No longer a legislative requirement under O. Reg. 438/18 to adopt a board resolution dealing with this potential reduction to the charge.
8. What level of EDC charge does the Board wish to impose, given that the Board is entitled to recover less than 100% of the net education land costs? O. Reg. 438/18 caps the EDC rates at an amount equal to, or less than that by-law adopted EDC rates as of August 31, 2018.

### **C.2.1 Percentage of Growth-Related Net Education Land Costs to be Borne through EDCs**

O. Reg. 20/98 section 7 paragraphs 9 (iii) and 10 (vi) restrict a board to a maximum of 100% recovery of the “net” growth-related education land costs from residential and non-residential development.

Under the existing capital funding model, a school board that qualified to impose education development charges has greater flexibility to use this available revenue source to fund growth-related site acquisition and development costs without having to wait until Provincial Funding is approved through a request-based funding approach. However, in deriving “net” growth-related education land costs, there are several impediments to full cost recovery:

- non-statutory exemptions granted by a school board, restrict full cost recovery;

- the cost to provide land for pupils generated by statutorily-exempt residential development has no funding source – would require a funding request to the Ministry of Education to address any shortfall;
- there are restrictions on the number of acres of land that a board can fund through an EDC by-law, which in turn results in less flexibility to the board in accommodating “peak” enrolment needs;
- the determination of growth-related site needs is based on On-the-Ground (OTG) capacity (an assessment of classroom loading), which may not reflect the functional capacity of classroom use from a program perspective.

All Boards with EDC by-laws in place, have calculated their EDC rates to derive 100% cost recovery of the “net” education land costs, however, some have reduced this level by granting at least some limited non-statutory exemptions (i.e., primarily non-residential exemptions), through negotiations with development community interests, and in response to policy positions put forth by the jurisdictional municipalities and other interested stakeholders.

### **Considerations:**

One of the most significant considerations in the legislative treatment of education development charges is that there is no tax-based funding source to make up the shortfall where full cost recovery is not achieved. Legal advisors are typically of the opinion that granting non-statutory exemptions during by-law adoption forces the board to absorb the loss of revenue associated with granting the exemptions. Many of the revenue sources under the existing education capital funding model are “enveloped” and are therefore not available to be used for purposes other than that for which they were legislatively intended.

The Durham Catholic DSB’s 2014 EDC by-law recovers net education land costs from residential development (100%) and non-residential development (0%) within the Region of Durham (except Clarington). That is, there are no non-statutory land uses exempted from the charge. Therefore, the existing EDC by-law is designed to recover as much of the net education land cost needs as the legislation will allow.

## **C.2.2 Jurisdiction-wide vs. Area Municipal (or Sub-area) Charges**

### **Existing EDC By-law Provisions:**

The existing “in force” EDC by-law is applied on a Board-wide uniform basis. The rationale for this decision is primarily based on the premise that:

- 1) A jurisdiction-wide approach is more consistent with the way in which education services are provided by the Board;
- 2) A jurisdiction-wide charge affords more flexibility to the Board to meet its long-term accommodation needs;

- 3) Uniform application of education development charges is more congruent with the education funding model as a whole.
- 4) Money from an education development charges account may be used only for growth-related net education land costs attributed to or resulting from development in the area to which the education development charge by-law applies (section 16 of O. Reg 20/98). Therefore, monies collected in one by-law area could not be spent outside of that by-law area and this is particularly problematic given school choice at the secondary level and specialized program offering.

### **Public Input Received with Respect to this Policy:**

None in 2014.

### **Legislative Provisions:**

Section 257.54 sub section (4) allows for area specific EDC by-laws by providing that “an education development charge by-law may apply to the entire area of jurisdiction of a board or only part of it.”

Further, the *Education Act* permits a board to have more than one EDC by-law under section 257.54 subsection (1) in that “If there is residential development in the area of jurisdiction of a board that would increase education land costs, the board may pass by-laws for the imposition of education development charges against land in its area of jurisdiction undergoing residential or non-residential development.”

Finally, section 257.59(c) of the *Education Act* requires that “an education development charge by-law shall...designate those areas in which an education development charge shall be imposed”.

However, under O. Reg. 438/18 adopted in October, 2018, a school board cannot alter the geographic structure of the by-law charging area.

### **Considerations:**

Under the Regulatory framework, a board must establish a separate EDC account for each by-law that it enacts and may only use the funds to pay for growth-related net education land costs (and the other “eligible” land costs defined under the Act) in that area (which may comprise a region of a board as defined under O. Reg. 20/98). The entire approach outlined in the legislation, and governing the determination of education development charges, requires that the calculation of the charge, the preparation of background studies, the establishment of EDC accounts and the expenditure of those funds, etc., is to be done on an individual by-law basis.

From a methodological perspective, an EDC-eligible board is required to make assumptions respecting the geographic structure of the by-law or by-laws from the onset of the calculation process. Discussions respecting the number of potential by-laws and the subdivision of the Board’s jurisdictions into Review Areas are held with the Board at the commencement of the study process. If, as a result of the consultation process undertaken in contemplation of the adoption of an EDC by-law or by-laws, the Board chooses a different policy direction, it is usually advised by legal

counsel that a new background study is required, and the calculation/public consultation process begins anew.

Several of the key considerations in assessing the appropriateness of area specific versus uniform application of education development charges are as follows:

- The use of a uniform jurisdiction-wide EDC is consistent with the approach used to fund education costs under the Provincial funding model (i.e., the same per pupil funding throughout the Province), with a single tax rate for residential development (throughout the Province) and uniform Region-wide tax rates for non-residential development (by type), and is consistent with the approach taken by the Board to make decisions with respect to capital expenditures;
- Uniform by-law structures are more consistent with the implementation of a board's capital program (i.e., school facilities where and when needed) and are more consistent with board philosophies of equal access to all school facilities for pupils;
- School attendance boundaries have, and will continue to shift over time, as boards deal with a dynamic accommodation environment and the need to make efficient use of limited capital resources, particularly given that they are dealing with aging infrastructure, demographic shifts and continually changing curriculum and program requirements;
- Where the pace of housing development generates the need for a school site over a longer period of time, there is a need to temporarily house pupils in alternate accommodation; which consumes the asset lifecycle of the "hosting" facility, even if pupils are accommodated in portable structures;
- District school boards have a statutory obligation to accommodate all resident pupils and as such, pay less attention to municipal boundaries as the basis for determining by-law structure;
- A board must establish a separate EDC account for each by-law and may only use the funds to pay for growth-related net education land costs in that by-law area;
- In a situation where pupils are accommodated in a by-law area other than their place of residence, there is the potential for stranded funds and the *Education Act* does not address this type of circumstance.

Jurisdiction-wide application of the charge assists in minimizing the risk of less-than-full cost recovery, especially where attendance boundaries and accommodation strategies change over time.

Where it is determined that stranding of EDC funds is not likely to occur over the by-law term, and an area specific by-law is adopted by the board, careful monitoring would be required on an on-going basis to ensure that the board does not subsequently find itself in a position where it was unable to fully fund growth-related site needs over the longer term. Where this situation has the potential to occur, a new by-law structure should be considered by the board as soon as possible, because there is no ability to make up the funding shortfall once building permits are issued;

- The ability to utilize EDC funds for capital borrowing purposes under an area specific by-law scheme is limited to borrowing for cash flow purposes only (i.e., revenue shortfalls), due to the inability, under the existing legislation, to recover net education land costs sufficient to repay the “borrowed” area;
- Multiple EDC accounts under a multiple by-law approach restrict the flexibility required to match the timing and location of site needs to available revenue sources and may compromise the timing of new school construction and increase financing costs;
- Multiple by-laws can give consideration to different patterns and levels of development (including composition of dwelling units) in that they incorporate variable rates throughout the region. The appropriateness of utilizing area specific by-laws to reflect economic diversity within a jurisdiction, should, however, be measured in the context of measurable potential market or development impact, particularly as the differential between land values in one area versus another continues to increase;
- The precedent for levying uniform municipal development charges for “soft services” (e.g., recreation, library) is well established, and is currently used in existing DC by-laws by virtually all municipalities. As well, infill dwelling units pay the same development charge for these services as new units in the major growth areas, despite the availability of existing facilities. The cost averaging approach underlying jurisdiction-wide by-laws has the ability to mitigate the impact on new house prices;
- While today there are few area specific EDC by-laws in the Province of Ontario, those that have been adopted or proposed, reflect areas where there is little or no expectation of cross-boundary attendance.

### C.2.3 Non-Statutory Residential Exemptions

#### Legislative Provisions:

Under the legislation, residential statutory exemptions include:

- The enlargement of an existing dwelling unit (s.257.54(3)(a)).
- The addition of one or two units to an existing residential building where the addition is within prescribed limits (s.257.54(3)(b), O. Reg. 20/98 s.3).
- The replacement dwelling on the same site as a dwelling unit that was destroyed (or rendered uninhabitable) by fire, demolition or otherwise, where the building permit for the replacement dwelling is issued two years or less after the later of the date on which the former dwelling unit was destroyed or became uninhabitable, or a demolition permit was issued (O. Reg. 20/98 Section (4)).

In addition, Part III, s.7.1 of O. Reg. 20/98 provides that, “The board shall estimate the number of new dwelling units in the area in which the charges are to be imposed for each of the 15 years

immediately following the day the board intends to have the by-law come into force. The board's estimate shall include only new dwelling units in respect of which education development charges may be imposed.”

Accordingly, any costs related to students generated from units which are statutorily exempt (in-housing intensification) are not recoverable from EDCs.

Finally, O. Reg. 20/98 enables a board to vary the EDC rates to consider differences in size (e.g. number of bedrooms, square footage) of dwelling units or occupancy (permanent or seasonal, non-family households or family households) although the latter (i.e. occupancy) could change over time.

Section 7 paragraph (9) of O. Reg. 20/98 states that, “the board shall determine charges on residential development subject to the following:

1. the charges shall be expressed as a rate per new dwelling unit,
9. the rate shall be the same throughout the area in which charges are to be imposed under the by-law, ...”

Despite this, a board may impose different charges on different types of residential development (differentiated residential EDC rates), based on the percentage of the growth-related net education land costs to be applied to residential development that is to be funded by each type. The restrictions noted above would also apply in the case of differentiated residential EDC rates.

### **Considerations:**

Some types of units may initially generate limited (if any) pupils (e.g., bungalow townhouses, small apartments, adult lifestyle, recreational units), although "need for service" is not a requirement of education development charges under Division E of the *Education Act*. There is precedent to levy education costs on these types of units, since residential taxpayers contribute to education costs whether or not they use education services. Further, there is no legislative ability under the *Building Code Act* to restrict the number of occupants in a dwelling unit either at the time of initial occupancy, or subsequent re-occupation.

There would appear to be two options under the EDC legislation for dealing with variations in school age population per household, over time. However, neither solution is simple in real practice.

The first alternative is to provide an exemption for a particular type of dwelling unit. However, any exempt category must be definable such that a reasonable 15-year projection can be made, and a physical description can be included in the EDC by-law, such that building officials can readily define exempt units (e.g., seniors' housing receiving Provincial assistance would be definable, whereas market housing being marketed to seniors would be very difficult to project and define, since it could be claimed by any development). Also, occupancy status could change over time. In addition, school boards deal with a variety of municipal zoning definitions within their jurisdiction and it is extremely difficult to be consistent with all municipal DC by-law implementation practices concurrently.

While the Province has recently expanded the exemptions from municipal development charges for secondary dwelling units (i.e. where a secondary dwelling unit is the construction of an additional dwelling on an existing property – coach house, or dwelling above a garage as examples), exempting these units from the payment of education development charges would require a funding allocation from the Ministry of Education to make up the shortfall.

The second alternative would be to differentiate the residential charge by type to establish a lower EDC rate for dwelling units that would typically be occupied by fewer school age children per household. However, the same unit type (e.g., single detached), with the same number of bedrooms, or square footage, could exhibit vastly different school age occupancies. The same difficulties prevail in trying to define a unit type that segregates various levels of school occupancy that is definable and can be easily implemented under by-law application. Finally, as noted earlier, there is no legislative ability to restrict the level of occupancy, and occupancy status could change over time.

However, even where the policy decision is not to differentiate the residential charge, the projections of enrolment are usually designed to consider the lower pupil generation of these units, which is applied to the number of units in the dwelling unit forecast expected to be non-children households. Therefore, non-differentiated residential rates represent averages for all types of units which give consideration to the variation in school age population per household.

To date, no board has exempted any form of non-statutory residential unit in an in-force EDC by-law that the consultants are aware of, other than conversions of use.

#### **Existing EDC by-law Provisions:**

Currently, there are no by-law exemptions given for units that are marketed as “purpose-built seniors’ housing” or for affordable housing projects. The determination of pupils generated by new development does, however, take into consideration the minimal occupancy of adult lifestyle units by school age children.

1. Under the legislative provisions dealing with housing intensification as part of the *Education Act*, a portion of the forecasted medium density dwelling units are currently estimated to be exempt from the payment of EDCs. As such, the charge is spread over the ‘net’ new units.
2. Historical data regarding school age children per household, which represents an “average” of all household occupancies, is a significant component of the projected elementary and secondary enrolment.
3. The EDC pupil yield analysis assesses changing headship rates and uses this information to modify the future expectations of the number of school age children per household.

#### **C.2.4 Non-Statutory Non-residential Exemptions**

##### **Legislative Provisions:**

Non-residential statutory exemptions include:

- land owned by, and used for the purposes of, a board or a municipality
- expansions to industrial buildings (gross floor area)
- replacement, on the same site, of a non-residential building that was destroyed by fire, demolition or otherwise, so as to render it unusable and provided that the building permit for the replacement building was issued less than 5 years after the date the building became unusable or the date the demolition permit was issued

Section 7 paragraph (10) of O. Reg. 20/98 states that “if charges are to be imposed on non-residential development ... the charges shall be expressed as ...”

- a) a rate to be applied to the board-determined gross floor area of the development, or
- b) a rate to be applied to the declared value of the development.

**Considerations:**

If a board elects to not have a non-residential charge, then non-statutory, non-residential exemptions is not an issue.

However, there is no funding source currently available under the new funding model to absorb the cost of providing non-statutory exemptions. In addition, by-law administration and collection of the charge, and the ability to treat all development applications in a fair and equitable manner, are complicated by the granting of non-statutory exemptions.

A 2007 legal opinion, sought on this matter by the consultant, suggests that a school board must absorb the cost of exemptions voluntarily granted by the board to any non-statutory non-residential development (i.e., the board would not be in a position to make up the lost revenue by increasing the charge on the other non-exempt non-residential development under the legislation).

**Existing EDC By-law Provisions:**

The Durham Catholic DSB’s existing “in-force” EDC by-law applies to residential development only. The Board may have the ability to revisit this policy decision once the Province has completed its review of the legislation.

**C.2.5 Demolition and Conversion Credits**

**Legislative Provisions:**

Section 4 of O. Reg 20/98 prescribes a replacement dwelling unit exemption.

Section 4 states that “a board shall exempt an owner with respect to the replacement, on the same site, of a dwelling unit that was destroyed by fire, demolition or otherwise, or that was so damaged by fire, demolition or otherwise as to render it uninhabitable.”

However, “a board is not required to exempt an owner if the building permit for the replacement dwelling unit is issued more than two years after,



- a) the date the former dwelling unit was destroyed or became uninhabitable; or
- b) if the former dwelling unit was demolished pursuant to a demolition permit issued before the former dwelling unit was destroyed or became uninhabitable, the date the demolition permit was issued.”

Section 5 of O. Reg. 20/98 deals with exemptions for the replacement of non-residential buildings. Similar provisions apply with respect to the replacement of non-residential gross floor area (GFA), except that the credit is only applied to the extent that the amount of new floor space is equivalent to the GFA of the floor space being replaced. The legislative grace period for the replacement of non-residential GFA is five years.

There are no legislative provisions specifically dealing with conversion of use. However, the EDC Guidelines, section 4.1, states that, “Board by-laws may include provisions for credits for land use conversion. Typically, this situation would arise if an EDC is paid for one type of development and shortly thereafter (the period of time defined in the board’s EDC by-law), the land is rezoned and a new building permit issued for redevelopment (to an alternate land use). EDC by-laws may include provisions for providing credits in this situation to take into account the EDC amount paid on the original development (generally by offsetting the EDC amount payable on the redevelopment).” The 2014 DCDSB EDC by-law does not provide conversion of use credits in that there is no non-residential charge.

### **C.2.6 % of Net Education Land Costs to be borne by Residential and Non-residential Development**

#### **Legislative Provisions:**

Section 257.54(1) of the *Education Act* provides that a board may pass an EDC by-law “against land in its area of jurisdiction undergoing residential or non-residential development,” if residential development in the board’s jurisdiction would increase education land costs.

Section 7 paragraph 8 of O. Reg. 20/98 requires that, “the board shall choose the percentage of the growth-related net education land cost that is to be funded by charges on residential development and the percentage, if any, that is to be funded by charges on non-residential development.” “The percentage that is to be funded by charges on non-residential development shall not exceed 40 percent.”

A board has the choice under the *Education Act*, of levying an EDC only on residential development (for partial or full eligible cost recovery), or levying a charge on both residential and non-residential development (up to a maximum of 40% of costs allocated to non-residential development). Under the previous EDC section of the DCA legislation, a charge on non-residential development (then termed “commercial” development) was required. However, as noted earlier in this report a school board cannot alter than residential/non-residential shares where one rate would exceed the EDC by-law rates as of August 31, 2018, under O. Reg. 438/18. The DCDSB 2014 EDC by-law is based on 100% recovery of the net education land costs from residential development.

### Considerations:

For most of the current EDC by-laws, 10-15% of net growth-related education costs were funded by non-residential development. This percentage was specifically requested by a majority of the development organizations during the public consultation process, particularly where the quantum of the residential charge is higher than the norm.

There are limited options for funding education land costs under the Province's new capital funding model. All boards eligible to impose education development charges are likely to seek full eligible cost recovery (100%) under EDCs. However, a non-residential EDC is not a mandatory requirement of the structure in the *Education Act* and therefore boards may elect to recover 100% of costs from residential development or up to 40% from non-residential development (with the remainder to be recovered from residential development).

The major advantages of allocating 100% of net education land costs to residential development are as follows:

- Reduction of risk to the board in not achieving full revenue recovery, as demand for new pupil places will increase directly with the level of residential growth; non-residential floor area is difficult to forecast over 15 years (particularly on an area-specific basis), and a downturn in non-residential growth would leave the board with an EDC revenue shortfall (with limited available funding sources to make up the differential);
- Simplified EDC process and by-law, eliminating the need to deal with a range of requests for exemptions, and redevelopment credits;
- Establishment of a more direct linkage to the need for the service (i.e., pupils generated by new residential development) and the funding of that service, similar to municipal development charges (although not legislatively required by the *Education Act*), although it is widely accepted by planning practitioners that employment growth leads housing growth;
- The difficulties in administering/collecting even a nominal non-residential charge and interpretation of by-law applicability vis-a-vis municipal DC by-law definitions of gross floor area, zoning provisions, etc.

The major disadvantages of allocating 100% of net education land costs to residential development are as follows:

- Increases the residential charge;
- A downturn in residential growth due to changing economic conditions will have a negative impact on EDC cash flow and the ability to contain account deficits;
- Potential impact on the residential development market, due to a higher residential EDC bearing 100% of the net education land costs;

- May be opposed by the development community which strongly supported the 85-90% residential and 10-15% non-residential division of costs under the current EDC by-laws;
- The precedent of eliminating the non-residential charge in one by-law period may make it difficult to reverse the decision and have a non-residential charge in a subsequent by-law period;
- Eliminating the non-residential charge reduces the breadth of the board's overall EDC funding base, which may be particularly significant if there are large commercial/industrial developments in future.

### **C.2.7 Differentiated Residential Rates**

The creation of Form H2 of the EDC Submission provided school boards with a mechanism for differentiating residential rates by density type using pupil yields per new occupied dwelling as the basis for the distribution factor. At the time, the relationship between pupil yields by density type and the need for new school sites appeared to be a logical basis for deriving the distribution factor.

From a cash flow perspective, it is difficult to predict with any certainty, how many new dwelling units of which density type will pay EDCs at building permit issuance. As such, differentiated residential rates have the potential to increase borrowing requirements and the associated net education land costs over time.

To date, no EDC board has adopted differentiated residential rates, in part because development community stakeholders have found the dollar spread between the derived low density and high-density rates using pupil yields as a factor, to be significant enough that it was difficult to achieve consensus amongst various residential development interests.

As such, the consultants have proposed an alternative approach to deriving the distribution factor based on the persons per unit (PPU) assumptions of the area municipalities or Region used as the basis to determine the forecasted population to be derived from new occupied dwelling units as part of the most recently-approved development charges (DC) studies. Generally, this approach has the effect of reducing the gap between low density and high-density units from a ratio of 8 to 10, to a ratio of 2 to 3.

Both approaches are found in the Form H2 contained in Appendix A of this report.

### **C.2.8 By-law Term**

#### **Legislative Provisions:**

The *Education Act* permits a school board to pass an EDC by-law with a maximum term of five years (s.257.58 (1)).

A board with an EDC by-law in force, may pass a new EDC by-law at any time, after preparing a new education development charge study, securing the Minister of Education’s approval, and undertaking the required public process (s.257.58(2)).

A board may amend an EDC by-law once in each one-year period following by-law enactment, to do any of the following:

- “1. Increase the amount of an education development charge that will be payable in any particular case.
2. Remove, or reduce the scope of, an exemption.
3. Extend the term of the by-law.” (s.257.70(2) and subject to s.257.58(1))”

A public meeting is not required for a by-law amendment; however, the board must give notice of the proposed amendment, in accordance with the regulations, and make available to the public, the EDC background study for the by-law being amended, and “sufficient information to allow the public to generally understand the proposed amendment.” (s.257.72)

### **Considerations:**

A five-year term provides the maximum flexibility since a board has the power to amend the by-law or pass a new by-law at an earlier point, if necessary.

The level of effort required to emplace a new by-law (e.g., production of an EDC background study, involvement in an extensive consultation process with the public and liaison process with municipalities) would suggest that a longer term (maximum five years) by-law is more desirable.

## **C.2.9 Application of Operating Surpluses to Capital Needs**

### **Legislative Provisions:**

The education development charge background study must include “a statement from the board stating that it has reviewed its operating budget for savings that could be applied to reduce growth-related net education land costs, and the amount of any savings which it proposes to apply, if any.” O. Reg. 438/18 rescinded this provision however the Board had already adopted resolutions respecting operating surplus and alternative accommodation arrangements.

### **Considerations:**

The use of the expression, “if any,” recognizes that even if there is a surplus, the board may not choose to direct it to this particular form of expenditure.

The Provincial Funding Model prescribes “envelopes” which impact on the direction of budgetary surpluses, including the requirement that funds may not be moved from the classroom to non-classroom category; funds generated by special education needs cannot be used for other purposes; funds generated from grants for new pupil places or facilities renewal must be used for this purpose or placed in an account for future use.

The Board reviewed its existing policy and determined that there are no surplus operating funds to offset EDC-related expenditures. A copy of the Board's report and policy is found in Appendix D.

### **C.2.10 Policy on Alternative Accommodation Arrangements**

#### **Legislative Provisions:**

Prior to the passage of O. Reg. 438/18 the legislation required that the education development charge background study include "A statement of the board's policy concerning possible arrangements with municipalities, school boards or other persons or bodies in the public or private sector, including arrangements of a long-term or co-operative nature, which would provide accommodation for the new elementary school pupils and new secondary school pupils...without imposing education development charges or with a reduction in such charges." (section 9(1) paragraph 6 of O. Reg 20/98)

For a subsequent EDC by-law period, the board is further required to provide a "statement of how the policy...was implemented and, if it was not implemented, an explanation of why it was not implemented." As stated, the Board adopted resolutions respecting this policy prior to the passage of O. Reg. 438/18.

#### **Considerations:**

The legislation would appear to contemplate situations where the "arrangements" include consideration for both land and buildings.

The impact on the Board's permanent capacity (particularly in the situation of a long-term leasing arrangement) would have to be considered as part of the needs assessment inherent in the EDC calculation.

If "other persons" were to enter into these arrangements with school boards, they would be potentially spreading the benefit of the arrangement across all development, as opposed to a land owner entering into a services-in-lieu agreement that would provide the applicant with a credit against EDCs payable.

The pupil accommodation account can be utilized to enter into long- and short-term lease arrangements with the private sector, or to enter into multi-use partnership agreements within other school boards, municipalities or the private sector.

Section 210.1(12) of the *Municipal Act* permits school boards to provide limited exemptions from municipal and school taxes and education development charges in exchange for the provision of school capital facilities, under certain circumstances.

The Board reviewed its existing policy and determined that it will continue to explore accommodation arrangements which may result in accommodation efficiencies; however, at this time there are no savings under this policy to offset EDC-related expenditures. A copy of the Board's report and policy is found in Appendix D.

## C.3 Summary of By-law Appeals, Amendments and Complaints

### C.3.1 Appeals

Under Section 257.65 of the *Education Act*, “any person or organization may appeal an education development charge by-law to the Ontario Municipal Board by filing with the secretary of the board that passed the by-law, a notice of appeal setting out the objection to the by-law and the reasons supporting the objection.”

There were no appeals of the 2014 DCDSB EDC by-law.

### C.3.2 Amendments

#### Legislative Provisions:

Section 257.70 subsection (1) states that “subject to subsection (2), a board may pass a by-law amending an education development charge by-law.” Subsection (2) goes on to say that, “a board may not amend an education development charge by-law so as to do any one of the following more than once in the one-year period immediately following the coming into force of the by-law or in any succeeding one-year period:

1. Increase the amount of an education development charge that will be payable in any particular case.
2. Remove, or reduce the scope of, an exemption.
3. Extend the term of the by-law.”

Section 257.71 states that “A by-law amending an education development charge by-law comes into force on the fifth day after it is passed.” Finally, “before passing a by-law amending an education development charge by-law, the board shall,

- a) give notice of the proposed amendment in accordance with the regulations; and
- b) ensure that the following are made available to the public,
  - i. the education development charge background study for the by-law being amended, and
  - ii. sufficient information to allow the public to understand the proposed amendment.”

### C.3.3 Complaints

Under Section 257.85 of the *Education Act*, “an owner, the owner’s agent or a board, may complain to the council of the municipality to which an education development charge is payable that,

- a) the amount of the education development charge was incorrectly determined;
- b) a credit is or is not available to be used against the education development charge, or that the amount of a credit was incorrectly determined;

c) there was an error in the application of the education development charge by-law.”

In addition,

“A complaint may not be made...later than 90 days after the day the education development charge, or any part of it, is payable.”

In February, 2018 a complaint was filed to the City of Ottawa regarding the application of education development charges to the conversion of a former Genosha hotel to residential units providing both sanitary and culinary facilities in individual units. The building was located within a community improvement area exempted from the payment of municipal development charges and the applicant argued that the Boards’ EDC rates did not take into consideration the fact that the units were not expected to be occupied by school-age children. The applicant had withheld payment of the EDCs. At the conclusion of the complaint hearing, the City concluded that the applicant was required to pay education development charges.