#### **Working Group Meeting #2**

#### New Fernbank Elementary School Opening Grade Structure, Program, and Attendance Boundary Study

#### **Information Package**

21 March 2019 7:00 to 9:00 p.m.

Staff Room Westwind Public School 111 Hartsmere Drive





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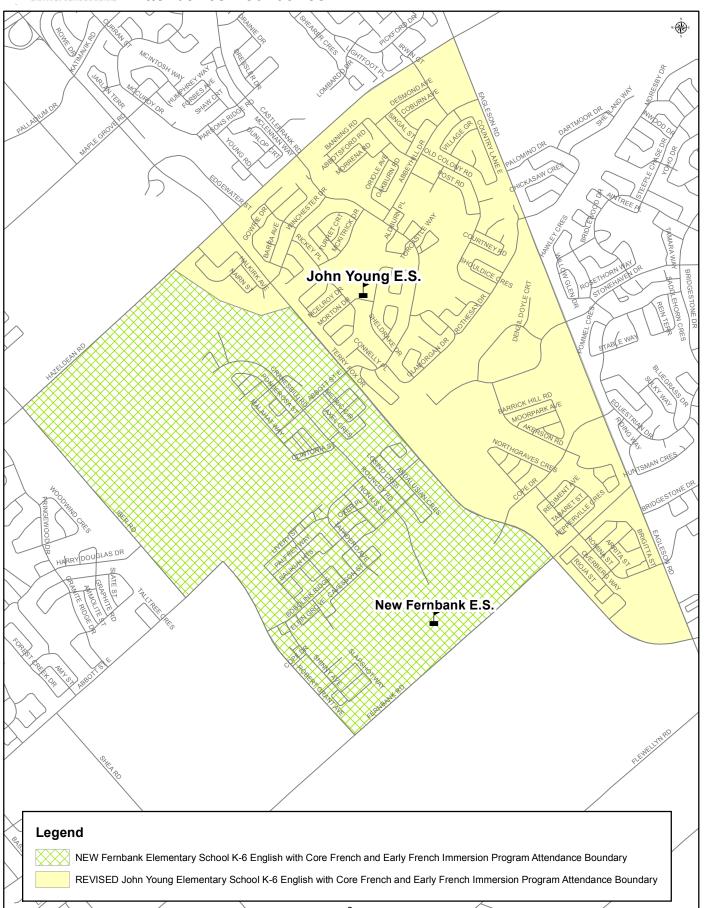
## Scenario # 1

### OTTAWA-CARLETON DISTRICT SCHOOL BOARD

#### Scenario #1

NEW Fernbank Elementary School

K-6 English Program with Core French and Early French Immersion Attendance Boundaries



New Fernbank Elementary School Study

# Scenario #1 - 2021 Projected Enrolments

UF(%)		707	00 %			700 60	0.00.0					%8.66						93.4%				00	0.0%	
Total	112	118	122	352	143	163	288	594		96	123	323	29	299		88	97	184	99	425	102	93	300	495
SE																	17			17				
8											18	32	10	09										
7											14	31	17	62										
9		20	10	30		29	37	99			22	37	11	20			11	24	16	51		12	52	64
rc.		23	17	40		31	41	72			18	43	10	71			10	27	20	22		26	99	82
4		22	17	39		30	46	92			10	44	6	63			13	25	20	28		16	53	69
က		20	20	40		32	52	84			18	46		64			16	32		48		14	47	19
7		18	27	45		24	54	78			12	44		99			18	37		22		15	43	28
-		15	31	46		17	28	75			11	46		22			12	39		51		10	49	69
YR2	53			53	71			71		52				52		44				44	52			52
YR1	69			69	72			72		44				44		44				44	20			20
Capacity Program	KGTN	ENG	EFI	Total	KGTN	ENG	EFI	Total		KGTN	ENG	EFI	MFI	Total		KGTN	ENG	EFI	MFI	Total	KGTN	ENG	EFI	Total
Capacity		809	070			5.47	047		009								455				000	070		
School		MEW Forday	NEW Fellibalis ES			) c			A. Lorne Cassidy ES									Bridlewood Community ES				OC Commission	VVESIWIED TO	

Utilization (UF%) = Total enrolment/capacity.

Programs: KGTN = Kindergarten, ENG = Énglish Program with Core French, EFI = Early French Immersion, MFI = Middle French Immersion, SE = Special Education Note: Projections assume a 2021 opening for the New Fernbank Elementary School.

New Fernbank Elementary School Study

# Scenario #1 - 2025 Projected Enrolments

UF(%)		700	0.80.1				103 7%	2				100.2%			,			102.2%				Ì	%/.08	
Total	194	223	268	685		138	157	272	299	96	119	335	51	601		89	106	207	63	465	142	130	335	209
SE																	17			17				
<b>∞</b>											12	33	10	22										
7											18	34	8	09										
ဖ		46	31	77			32	37	69		18	43	11	72			17	36	20	73		22	46	89
ro		42	39	81			31	38	69		18	45	11	74			13	32	22	70		24	53	11
4		38	39	77			27	40	29		14	45	11	20			14	32	21	29		24	54	78
ო		38	47	85			29	46	22		17	46		63			17	34		51		26	22	83
7		32	22	87			23	51	74		12	45		22			17	34		51		21	09	81
~		27	22	84			15	09	22		10	44		54		11 11 36 36 47					13	92	78	
YR2	96			92	9	89			89	52				52		46				46	72			72
YR1	66			66	1	20			02	44				44		43				43	20			20
Capacity Program	KGTN	ENG	EFI	Total	H	KGTN	ENG	EFI	Total	KGTN	ENG	EFI	MFI	Total		KGTN	ENG	EFI	MFI	Total	KGTN	ENG	EFI	Total
Capacity		000	070				547	ř O			009						455				Ö	979		
School		NEW Fernbank ES					SH parioX adol	D D D D D D D D D D D D D D D D D D D				A. Lorne Cassidy ES						Bridlewood Community ES					Westwind Po	

Utilization (UF%) = Total enrolment/capacity.
Programs: KGTN = Kindergarten, ENG = English Program with Core French, EFI = Early French Immersion, MFI = Middle French Immersion, SE = Special Education Note: Projections assume a 2021 opening for the New Fernbank Elementary School.

#### New Fernbank ES - Scenario # 1

#### **Attendance Boundaries:**

- Under Scenario #1 New Fernbank Elementary School attendance boundary would be comprised of Study Planning Area 2 - Blackstone, Fernbank Crossing and Study Planning Area 3 - Bradley Commons, Abbotsville Crossing, Trailview.
- The John Young ES attendance boundary would be reduced to Study Planning Area 4 –
   Glen Cairn, Trailwest.
- Attendance boundaries for A. Lorne Cassidy ES, Bridlewood Community ES, and Westwind PS would remain unchanged.

#### **Grade Structure and Program:**

- The New Fernbank Elementary School would have a Kindergarten to Grade 6 grade structure, and would offer a dual-track program consisting of Early French Immersion and the English Program with Core French.
- The grade structure and program for John Young ES, A. Lorne Cassidy ES, Bridlewood Community ES, and Westwind PS would remain unchanged.

#### **Enrolment and Accommodation Summary:**

- Under Scenario #1 the new school in Fernbank would open with a projected enrolment of 352 students in 2021 this would increase to 685 students and a utilization rate of 109% by 2025 (figures assume a K to Grade 6 opening structure).
- Enrolment at John Young ES would be significantly reduced (594 students projected for 2021, and 567 for 2025 a utilization rate of 103.7%).
- The number of portables required at the John Young ES site would be significantly reduced.

#### **Questions to Consider:**

• The New Fernbank Elementary School attendance area is geographically large and would need to be revised as additional new schools are opened in Fernbank – is this the right direction to take for the first school in the development area?

- Is there a sufficient number of English Program with Core French students projected to provide a viable and sustainable program for the new school?
- Does the revised attendance boundary for John Young ES make sense longer term –
  does it provide a sustainable enrolment for the school into the future?
- Are enough students being redirected from John Young ES to reduce existing accommodation pressures?
- Which school should Fernbank Middle French Immersion students be directed to in the longer term?
- Projections assume an enrolment market share which is consistent with historical trends
   should we have regard for a potential increase in share should the OCDSB be the first board to open a school in Fernbank?

#### **Opening Grade Structure for New School:**

The New Fernbank Elementary School could open in September 2021 as a K to Grade 6 school or as a K to Grade 5 school, with Grade 6 phasing in the following year.

With a K to Grade 6 Opening -

- Students designated to attend New Fernbank ES would be required to attend three different schools in three successive years – John Young ES for Grade 5 in 2020, the new school for Grade 6 in 2021, and a different school for Grade 7 in 2022.
- Grade 6 students would not complete their final year at the school with their classmates at John Young ES.

#### With a K to Grade 5 Opening -

- New Fernbank ES students would not be directed to three different schools in three successive years.
- Some siblings would be split between the new school and John Young ES for
   2021
- The number of students redirected from John Young ES would be reduced initially, as Grade 6 students in attendance boundary for New Fernbank ES would not relocate.

#### **Intermediate and Secondary School Feeding Patterns:**

- Under this scenario John Young ES Grade 6 students would continue to be directed to Glen Cairn PS for Grades 7 and 8, and feed to A.Y. Jackson SS for Grades 9 to 12.
- New Fernbank ES Grade 6 students are anticipated to feed to the New Stittsville Secondary School for Grades 7-12. As you are aware, a new Stittsville Secondary School was funded and the study will commence in the Fall of 2019.

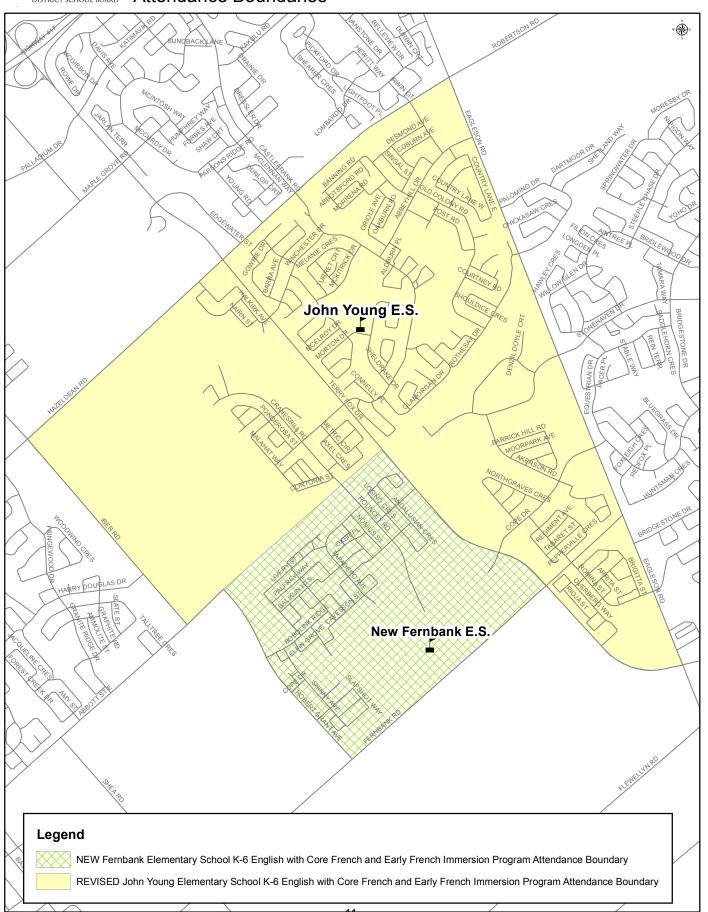
## Scenario # 2

## OTTAWA-CARLETON

#### Scenario #2

NEW Fernbank Elementary School
K 6 English Program with Core French

K-6 English Program with Core French and Early French Immersion Attendance Boundaries



New Fernbank Elementary School Study

# Scenario #2 - 2021 Projected Enrolments

	Sapacity	Capacity Program	YR1	YR2	-	7	ო	4	2	ဖ	7	<b>∞</b>	SE	Total	UF(%)
		KGTN	48	42										06	
NEW Tackers	808	ENG			11	13	13	12	16	14				62	40.3%
NEW reilibalik ES	070	EFI			22	19	13	11	14	2				84	0,0
		Total	48	42	33	32	26	23	30	19				253	
		KGTN	83	82										165	
)	17	ENG			21	29	39	40	38	35				202	706 707
John Young ES	740	EFI			29	62	29	52	44	42				326	1.021
		Total	83	82	88	91	86	92	82	77				693	
		KGTN	44	52										96	
		ENG			11	12	18	10	18	22	14	18		123	
A. Lorne Cassidy ES	009	EFI			46	44	46	44	43	37	31	32		323	83.66
		MFI						6	10	11	17	10		22	
		Total	44	52	25	99	64	63	71	70	62	09		299	
						•		•		•			•		
		KGTN	44	44										88	
		ENG			12	18	16	13	10	11			17	97	
Bridlewood Community ES	455	EFI			39	37	32	25	27	24				184	93.4%
		MFI						20	20	16				56	
		Total	4	44	51	55	48	28	22	51			17	425	
		HOX	C	Ç										007	
		2 5	റ്റ	70										701	
Westwind PS	628	ENG			10	15	14	16	26	12				93	78.8%
	3	EFI			49	43	47	53	26	52				300	
		Total	50	52	29	58	61	69	82	64				495	

Programs: KGTN = Kindergarten, ENG = English Program with Core French, EFI = Early French Immersion, MFI = Middle French Immersion, SE = Special Education Note: Projections assume a 2021 opening for the New Fernbank Elementary School. Utilization (UF%) = Total enrolment/capacity.

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New Fernbank Elementary School Study

# Scenario #2 - 2025 Projected Enrolments

Utilization (UF%) = Total enrolment/capacity.
Programs: KGTN = Kindergarten, ENG = English Program with Core French, EFI = Early French Immersion, MFI = Middle French Immersion, SE = Special Education Note: Projections assume a 2021 opening for the New Fernbank Elementary School.

#### New Fernbank ES - Scenario # 2

#### **Attendance Boundaries:**

- Under Scenario #2 the New Fernbank Elementary School attendance boundary would be comprised of only Study Planning Area 2 - Blackstone, Fernbank Crossing.
- The John Young ES attendance boundary would be comprised of Study Planning Area 4
   Glen Cairn, Trailwest, but would also continue to include part of Fernbank Study
   Planning Area 3 Bradley Commons, Abbotsville Crossing, Trailview.
- Attendance boundaries for A. Lorne Cassidy ES, Bridlewood Community ES, and Westwind PS would remain unchanged.

#### **Grade Structure and Program:**

(same as Scenario #1)

#### **Enrolment and Accommodation Summary:**

- Under Scenario #2 the new elementary school in Fernbank is forecast to open in 2021 with a total of 253 students, a facility utilization rate of just over 40% enrolment at the new school is projected to increase to 449 students by 2025, a utilization rate of 71.5% (figures assume a K to Grade 6 opening structure).
- Enrolment at John Young ES would be reduced to a projected 693 students for 2021 and 803 students for 2025 (a facility utilization rate of 146.8%).
- The need for a significant number of portable classrooms on site at John Young ES would continue to exist until a second new elementary school in Fernbank was opened.

#### **Opening Grade Structure for New School:**

(see Scenario #1 for discussion)

#### **Questions to Consider:**

- The New Fernbank Elementary School attendance area under Scenario #2 represents one which would be more sustainable in the longer term and would likely not need to be revised as new elementary schools are opened in Fernbank is this the right course of action?
- The attendance boundary would serve to limit access to a new school facility for a number of students and families in Fernbank who live within close proximity this would be the case for a number of years is this desirable?
- Are enough students being redirected from John Young ES to sufficiently reduce existing accommodation pressures?
- Is there a sufficient number of English Program with Core French students to provide a viable and sustainable program for new school?
- Which school should Fernbank Middle French Immersion students be directed to in the longer term?

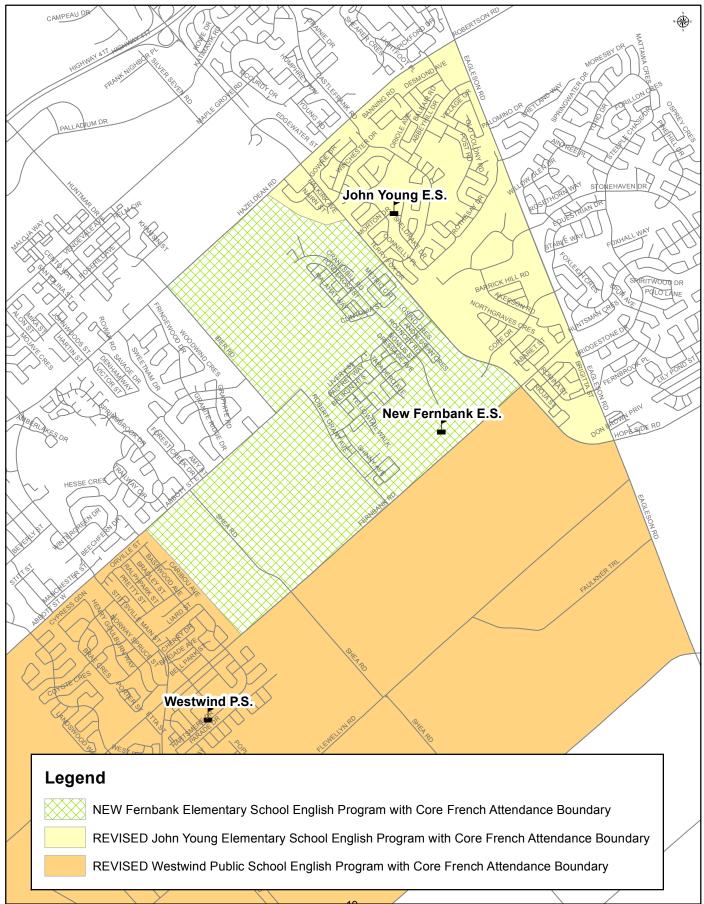
#### **Intermediate and Secondary School Feeding Patterns:**

- Under this scenario, John Young ES Grade 6 students residing in Study Planning Area 4 –
   Glen Cairn, Trailwest would continue to be directed to Glen Cairn PS for Grades 7 and
   8, and feed to A.Y. Jackson SS for Grades 9 to 12.
- Grade 6 students at John Young ES residing in Study Planning Area 3 Bradley
   Commons, Abbotsville Crossing, Trailview, are anticipated to feed to the New Stittsville
   Secondary School for Grades 7-12.
- New Fernbank ES Grade 6 students are anticipated to feed to the New Stittsville Secondary School for Grades 7-12.

## Scenario #3

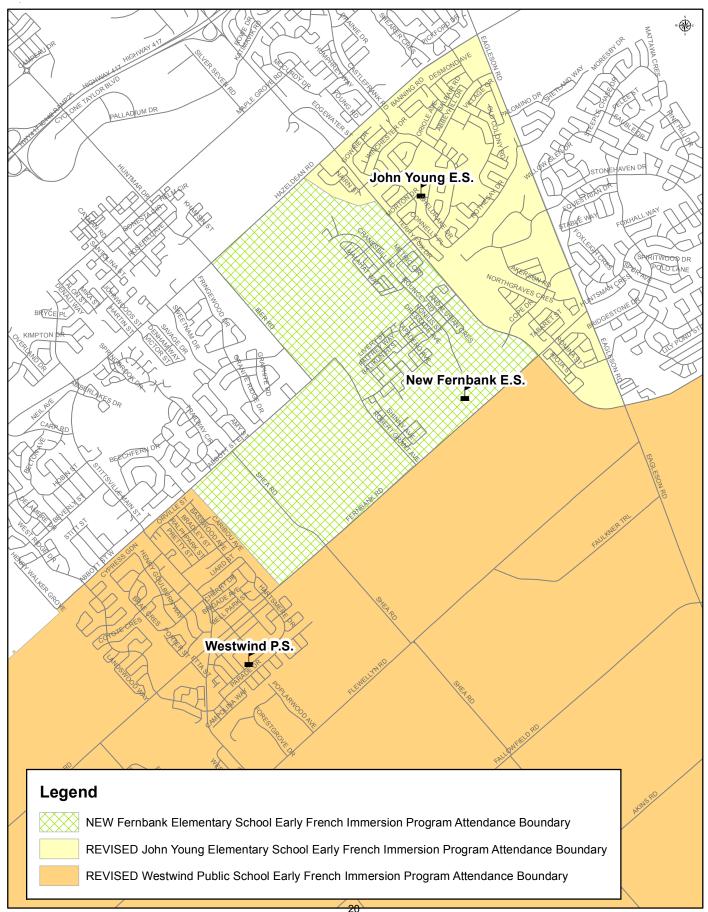
## OTTAWA-CARLETON DISTRICT SCHOOL BOARD

## Scenario #3 NEW Fernbank Elementary School K-6 English Program with Core French Attendance Boundaries





## Scenario #3 NEW Fernbank Elementary School K-6 Early French Immersion Program Attendance Boundaries



New Fernbank Elementary School Study

# Scenario #3 - 2021 Projected Enrolments

UF(%)		60 E%	%6.00			700 60/	0.00.070					%8.66					93.4%					74.4%	
Total	121	126	133	380	143	163	288	594		96	123	323	29	669	88	26	184	99	425	93	98	289	467
SE																17			17				
8											18	32	10	09									
2											14	31	17	62									
9		20	10	30		29	37	99			22	37	11	20		11	24	16	51		12	52	64
ιO		23	19	42		31	41	72			18	43	10	71		10	27	20	25		26	54	80
4		24	18	42		30	46	92			10	44	6	63		13	25	20	28		14	52	99
က		23	22	45		32	52	84			18	46		64		16	32		48		11	45	99
7		20	29	49		24	54	78			12	44		99		18	37		22		13	41	54
-		16	32	51		17	89	22			11	46		25		12	68		51		6	45	54
YR2	89			28	71			71		52				52	44				44	47			47
YR1	63			63	72			72		44				44	44				44	46			46
Capacity Program	KGTN	ENG	EFI	Total	KGTN	ENG	IJ∃	Total		NLDM	ENG	EFI	IJW	Total	KGTN	ENG	IJB	IJW	Total	KGTN	ENG	IJJ	Total
Capacity		869	070			777	047		009								455					628	
School		MEW Codaro	NEW Fellibalis ES			)						A. Lorne Cassidy ES					Bridlewood Community ES					Westwind PS	

Programs: KGTN = Kindergarten, ENG = English Program with Core French, EFI = Early French Immersion, MFI = Middle French Immersion, SE = Special Education Note: Projections assume a 2021 opening for the New Fernbank Elementary School. Utilization (UF%) = Total enrolment/capacity.

New Fernbank Elementary School Study

# Scenario #3 - 2025 Projected Enrolments

	tal UF(%)	ė	122 00/		1,4	82	102 7%		2:	9	6	100.2%		7		9	9	9 06 17 102.2%					
-	Total	246	258	330	834	 138	157	272	292	96	119	335	51	601		89							
	SE																17	17	17	71 71	171 171	17 17	171 171
	8										12	33	10	22									
	7										18	34	8	09									
	6		52	36	88		32	28	69		18	43	11	72			17	17	17 36 20	17 36 20 73	17 36 20 73	17 36 20 73	17 36 20 20 73 74 41
	5		46	47	63		31	38	69		18	45	11	74			13	13	13 35 22	13 35 22 70	13 35 22 70	13 35 22 70 70	13 35 22 70 70 45
	4		43	49	92		27	40	29		14	45	11	02			14	32	32 21	32 21 67	14 32 21 67	14 32 21 67	32 32 21 67 44
	က		45	28	103		29	46	22		17	46		63		17		: 8	: 8	34 :	25 25	.   45   16   16   16   16   16   16   16   1	
	7		39	89	107		23	51	74		12	45		22		17		34	34	34	34	51	51 51 44 47
	-		33	72	105		15	09	92		10	44		54	36 47				36	36 47	36 47 47 50 50		
	YR2	119			119	89			89	52				52	46					46	46	46	46
	YR1	127			127	70			20	44				44	43					43	43	43	43
	Capacity Program	KGTN	ENG	EFI	Total	KGTN	ENG	IJ∃	Total	KGTN	ENG	IJ∃	MFI	Total	NLOM	ENG	EFI		MFI	MFI	Total	MFI Total KGTN ENG	MFI Total KGTN ENG EFI
	Capacity		000	070			777	Ì				009					455						628
	School		NEW Codes	NEW Fellibalik EO			0 2 2 3 3 4 5 7					A. Lorne Cassidy ES					Bridlewood Community ES					Westwind PS	

Programs: KGTN = Kindergarten, ENG = Énglish Program with Core French, EFI = Early French Immersion, MFI = Middle French Immersion, SE = Special Education Note: Projections assume a 2021 opening for the New Fernbank Elementary School. Utilization (UF%) = Total enrolment/capacity.

#### New Fernbank ES - Scenario # 3

#### **Attendance Boundaries:**

- Under Scenario #3 the New Fernbank Elementary School attendance boundary would be comprised of Study Planning Area 1 – Westwood, Tartan, Cavanagh, Study Planning Area 2 - Blackstone, Fernbank Crossing, and Study Planning Area 3 - Bradley Commons, Abbotsville Crossing, Trailview.
- The John Young ES attendance boundary would be reduced to **Study Planning Area 4 Glen Cairn, Trailwest.**
- Westwind PS attendance boundary would no longer include Study Planning Area 1 –
   Westwood, Tartan, Cavanagh.
- Attendance boundaries for A. Lorne Cassidy ES and Bridlewood Community ES would remain unchanged.

#### **Grade Structure and Program:**

(same as Scenario #1)

#### **Enrolment and Accommodation Summary:**

- Under Scenario #3 the new school in Fernbank would open with a projected enrolment of 380 students in 2021 this would increase rapidly to 834 students and a utilization rate of 132.8% by 2025 (figures assume a K to Grade 6 opening structure).
- Enrolment at John Young ES would be significantly reduced (594 students projected for 2021, and 567 for 2025 a utilization rate of 103.7%) the same as Scenario #1.
- Projected enrolment at Westwind PS would be reduced to 467 students in 2021 and 458 students in 2025 a utilization rate in the 70-75% range.
- The number of portable classrooms required at the John Young ES site would be significantly reduced.
- Portables are estimated to be required for instruction on the New Fernbank Elementary School site as early as 2024.

#### **Opening Grade Structure for New School:**

(see Scenario #1 for discussion)

#### **Questions to Consider:**

- The New Fernbank Elementary School attendance area includes all of the Fernbank development area – does the boundary strike a good balance with respect to its size or is it too large?
- Is the revised attendance boundary for Westwind PS sustainable given the growth potential of the Village of Richmond, and the possibility that a future new school in Richmond could serve Early French Immersion program students within their local community?
- Is there a sufficient number of English Program with Core French students projected to provide a viable and sustainable program at the new school and for Westwind PS?
- Instead of including all of Study Planning Area 1 Westwood, Tartan, Cavanagh in the new school's attendance area, could Shea Road be considered as the western boundary?
- Which school should Fernbank Middle French Immersion students be directed to in the longer term?
- Projections assume an enrolment market share which is consistent with historical trends
   should we have regard for a potential increase in share should the OCDSB be the first board to open a school in Fernbank?

#### **Intermediate and Secondary School Feeding Patterns:**

(see Scenario #1 discussion)

### **Supplementary Information**

- Study Planning Area 4 Additional Information
- Response to Questions from Meeting #1
- Composite Boundary Maps

#### Study Planning Area 4 - Glen Cairn, Trailwest

The 31 October 2018 student enrolment resident in Study Planning Area 4 is as follows:

	Total	at	at	
	31-Oct-18	John Young ES	<b>Bridlewood CES</b>	Others
Entire Area	569	534	8	27
South of Trans Canada Trail	223	203	5	15
South of Cope Drive	145	133	4	8
South of Fernbank Road	79	72	3	4

Study Planning Area 4 projected enrolment totals for John Young ES are shown below. Also shown are John Young ES projected enrolment totals excluding various portions of the Study Planning Area.

		Actu	ıal		Proj	ected	
John Young ES Enrolment	Capacity	31-Oct-18	UF	31-Oct-21	UF	31-Oct-25	UF
Entire Area		534	98%	576	105%	552	101%
excluding South of Trans Canada Trail	F 47	331	61%	340	62%	299	55%
excluding South of Cope Drive	547	401	73%	405	74%	351	64%
excluding South of Fernbank Road	1	462	84%	452	83%	386	71%

<sup>\*</sup>Note that current and projected enrolments exclude any out of boundary students attending John Young ES.

Projected enrolment for John Young ES with all of Study Planning Area 4 as its attendance boundary would see the school decrease to 594 students in 2021 and 567 students in 2025. The school's utilization rate would drop to between 109% and 104%, and a significantly smaller number of portable classrooms would be required on site.

In its entirety, Study Planning Area 4 is comprised of a mix of neighborhoods and homes — more mature areas to the north, and newer residential units and future development potential to the south. Given its composition this area could serve as an appropriately sized, sustainable, long term attendance boundary for John Young ES.

This portion of Study Planning Area 4 (south of the Trans Canada Trail) is bounded by Terry Fox Drive to the west. This road is a main arterial link and forms a divider between the communities of Kanata and Stittsville in this part of the District.

Depending on the scope, removing parts of Study Planning Area 4 from the current John Young ES attendance area could serve to significantly reduce future enrolment at the school (see charts above). It could also result in a change in the composition of the boundary which would leave the school with only more mature neighborhoods and areas.

#### **Questions Generated from Meeting #1**

Q1) What are the statistics for student transfer requests at John Young ES over the last several years?

A1) Please see the chart below.

Year	Transfer Requests IN	Approved Transfers IN	Transfer Requests OUT	Approved Transfers OUT
2014	4	3	10	6
2015	2	1	10	8
2016	6	4	14	11
2017	0	0	22	15
2018	0	0	24	14

Please note that the transfer cap at John Young ES has been set at 0 annually since the 2012-2013 school year.

**Q2)** What is the impact on enrolment at Glen Cairn PS, should Fernbank development area students be redirected to the New Stittsville Secondary School?

**A2)** As of 31 October 2018 there were 31 students from the Fernbank development area attending Glen Cairn PS. The school's total enrolment at that time was 291. Although a relocation of Fernbank area students from Glen Cairn PS would serve to reduce future enrolment, it would not impact the school's operational viability.

Q3) Why does the Westwind PS projection over the next five years show a decline in enrolment?

A3) Please see information below.

- Westwind PS opened in 2011 as a JK-5 school with a total enrolment of 502 students. Grade 6 was added in 2012 and enrolment increased to 654 students.
- When it opened it was one of the first schools in the area to offer full day kindergarten (FDK), so its entry cohort numbers were robust for several years.
- As FDK was phased in to neighbourhood schools, kindergarten numbers decreased in size.
- Enrolment has been decreasing gradually as higher cohorts move through and exit the school.
- Status quo enrolment is projected to stabilize over the next five years in the 500 range.
- By 2025, status quo enrolment at Westwind PS is projected to reach 607 students. Enrolment is
  projected to begin to increase more substantially in 2026 and beyond as residential
  development within the attendance boundary continues.

**Q4)** What is the breakdown of residential unit potential for the four individual Study Planning Areas included in the Information Package?

**A4)** Please see the chart below for approximate numbers.

	Fernbank Development Area					
	Area 1	Area 2	Area 3	Subtotal	Area 4	Total
Residential Units*	30	1,570	750	2,350	4,700	7,050
Remaining Residential Unit Potential**	3,950	1,400	3,250	8,600	725	9,325
Total Residential Units at Full Build-out	3,980	2,970	4,000	10,950	5,425	16,375

<sup>\*</sup> Source is the City of Ottawa - figures reflect the number of residential units for which building permits have been issued through the end of December 2018.

- Q5) What is the typical pupil yield cycle for a new single detached home?
- A5) Please see figure below.

for A New Single Detached Dwelling Pupil Yield B. Peak Elementar **ELEMENTARY** B. Peak Secondary **PRIMARY SUSTAINABLE** A. Initial Secondary **CYCLE CYCLE** SECONDARY Approximately 20 Years 6-10 Years Unit Years Occupied Approximate Age of Dwelling

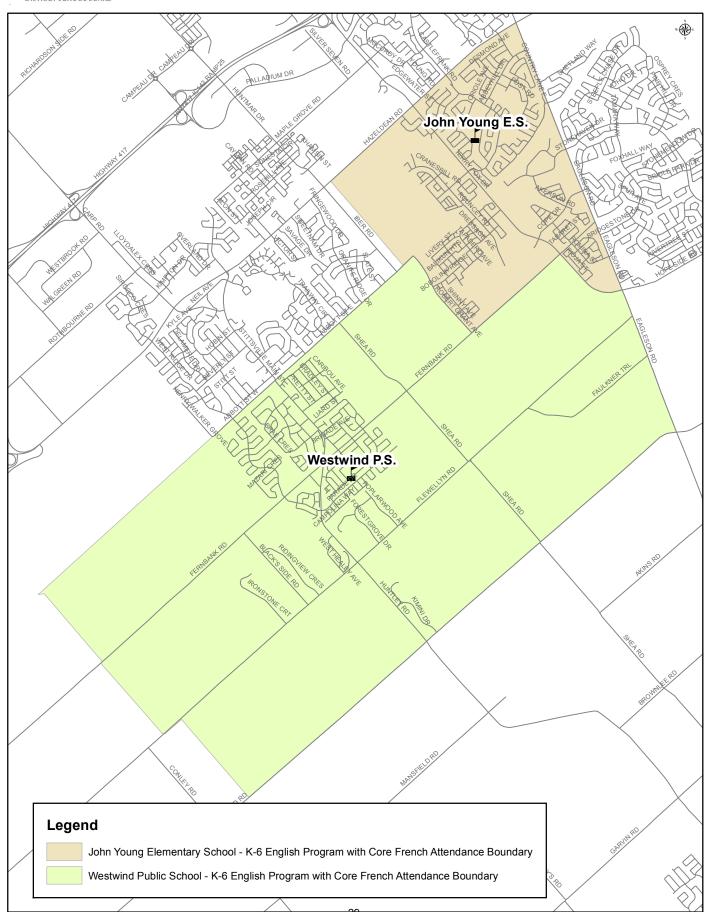
Figure 3
Conceptual Representation of the Pupil Yield Cycle for A New Single Detached Dwelling

Source is OCDSB Education Development Charges Background Study and Review of Education Development Charges Policies, 18 December 2018

<sup>\*\*</sup> Source is City of Ottawa Vacant Urban Residential Land Survey (VURLS) 2017.

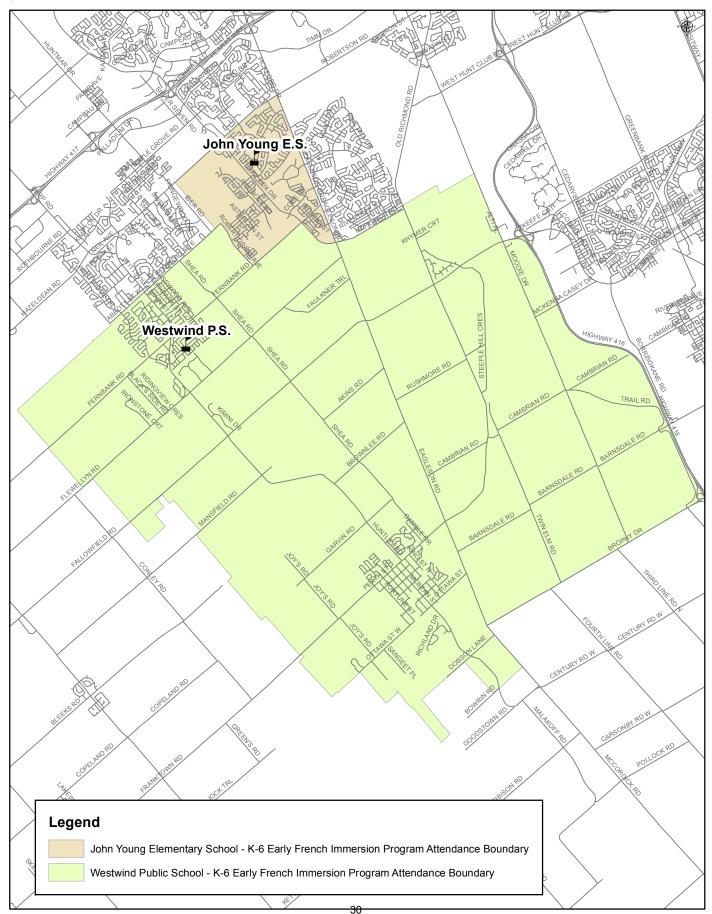


### Composite of Fernbank Study Area Attendance Boundaries K-6 English Program with Core French





### Composite of Fernbank Study Area Attendance Boundaries K-6 Early French Immersion Program





#### Composite of Fernbank Study Area Attendance Boundaries Grades 4-6 Middle French Immersion Program

