

**DATE:** March 13, 2012

**TO:** Board of Trustees

**FROM:** Edgar Schmidt, Superintendent of Schools

**SUBJECT:** Map of Schools That Have Reached or Surpassed Their Capacity (Response to Trustee Request #155)

**ORIGINATOR:** Brian Smith, Executive Director, Finance and Infrastructure

**RESOURCE STAFF:** Leanne Fedor, Jack Geldart, Ann Parker, Lorne Parker, Amy Irene Seward

**REFERENCE:** January 10, 2012 Conference Committee (Trustee MacKenzie)

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#### **ISSUE**

The following information was requested:

Provide a map of the District that displays which communities have students who must 'leap over'/pass by one or more regular program schools to attend their designated regular program school. This map should indicate the number of students being transported in such a manner from each of these communities. This map should also display all of our schools according to which have reached or surpassed their capacity.

#### **BACKGROUND**

In determining the designated receiving school for a new or developing neighbourhood, a number of factors are considered. These factors include but are not limited to:

- school feeder patterns
- established yellow bus routes
- walking distance
- major roads
- public transit routes
- natural barriers
- commuter patterns
- infrastructure
- proximity of schools to one another
- schools with available space to accommodate all of the students currently, and projected to reside within a given neighbourhood.

#### **CURRENT SITUATION**

There are 29 neighbourhoods where elementary students must bypass nearby schools to reach their designated school. Additionally, there are 24 neighbourhoods where junior high students and seven neighbourhoods where senior high students must bypass schools that are closer than their designated school. Due to the complexity of displaying all of the requested data on a single map, four maps and three tables are attached. (Attachments I - VII)

Based on September 30, 2011 enrolment data, 1,957 elementary students, 795 junior high students and 929 senior high students must bypass schools that are located in closer proximity to their neighbourhoods of residence to access the designated receiving school.

Schools indicated on the maps as having reached or surpassed capacity are identified using the school net capacity information from the most recent Alberta Infrastructure Area Capacity and Utilization Report (ACU) and September 30, 2011 adjusted enrolment data. The utilization rate for each school is determined by dividing the adjusted enrolment by the net capacity. Schools with utilization rates of 85% or higher are considered to have reached capacity. Schools that have reached capacity are also identified in the attached table. (Attachment V)

#### KEY POINTS

- The opening of Bessie Nichols and Michael Strembitsky schools in September 2012 will reduce the need for students residing in newer neighbourhoods to bypass nearby schools.
- The southwest region of the city shows the highest concentration of elementary and junior high students bypassing nearby schools.
- While some neighbourhoods identified on the attached maps do not yet have resident students, these neighbourhoods are anticipated to accommodate families within the next five to 10 years.
- There are 3,681 Kindergarten to Grade 12 students where their designated receiving schools are reached by bypassing schools that are located in closer proximity to their neighbourhoods of residence.

#### ATTACHMENTS & APPENDICES

Attachment I	Map 1 - Neighbourhoods Which “Bypass” One or More EPSB Regular Program Elementary Schools Including Number of Resident Students
Attachment II	Map 2 - Neighbourhoods Which “Bypass” One or More EPSB Regular Program Junior High Schools Including Number of Resident Students
Attachment III	Map 3 - Neighbourhoods Which “Bypass” One or More EPSB Regular Program Senior High Schools Including Number of Resident Students
Attachment IV	Map 4 – Edmonton Public Schools Including Those That Have Reached or Surpassed Their Capacities
Attachment V	Table 1 - Edmonton Public Schools That Have Reached or Surpassed Their Capacities
Attachment VI	Table 2 – Elementary Schools in Closer Proximity than Designated Receiving Schools by Neighbourhood
Attachment VII	Table 3 – Junior High and Senior High Schools in Closer Proximity than Designated Receiving Schools by Neighbourhood

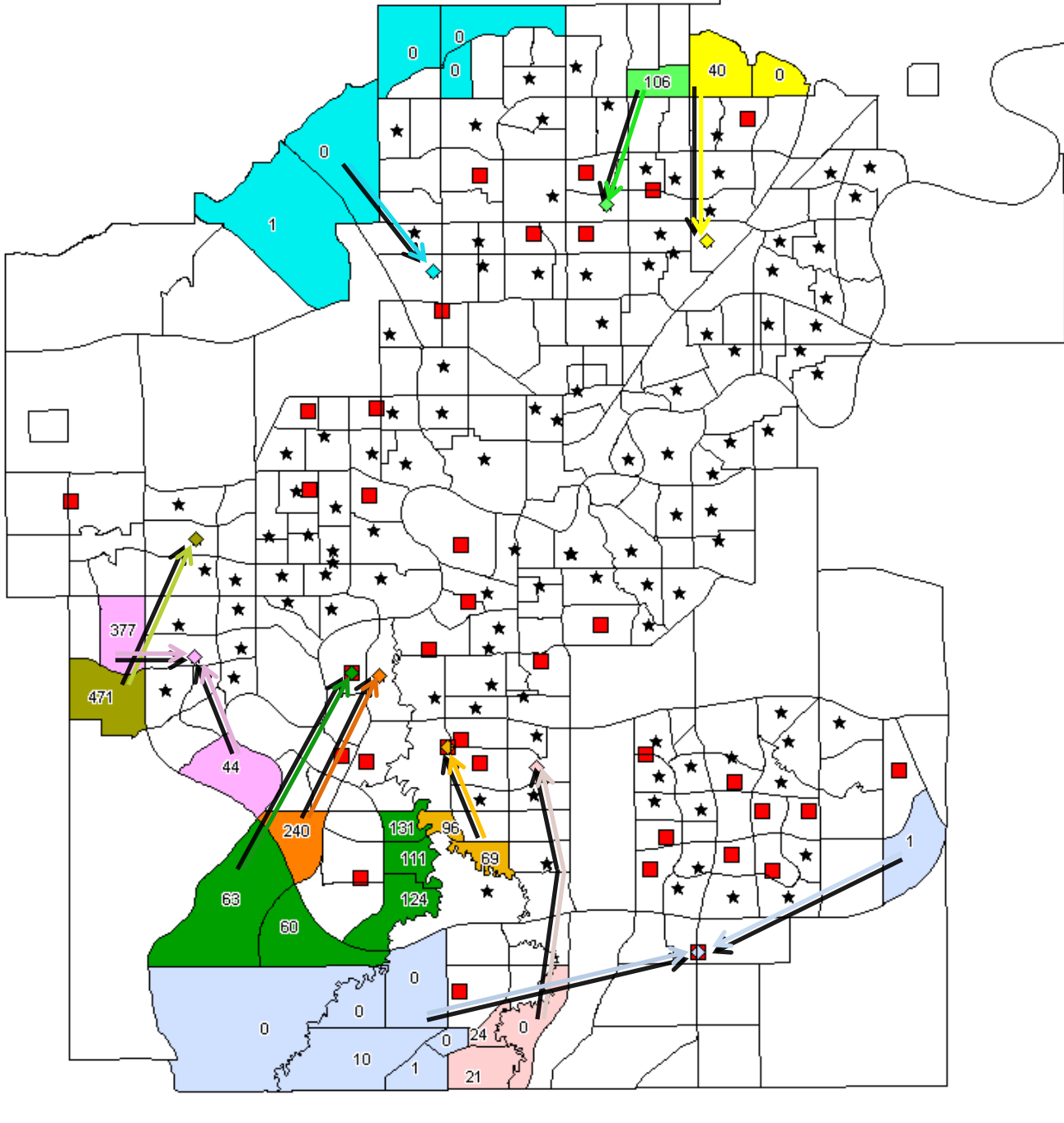
JG:sa

Map 1 - Neighbourhoods Which "Bypass" One or More EPSB Elementary School Including Number of Resident Students

Designated Elementary school     ◆

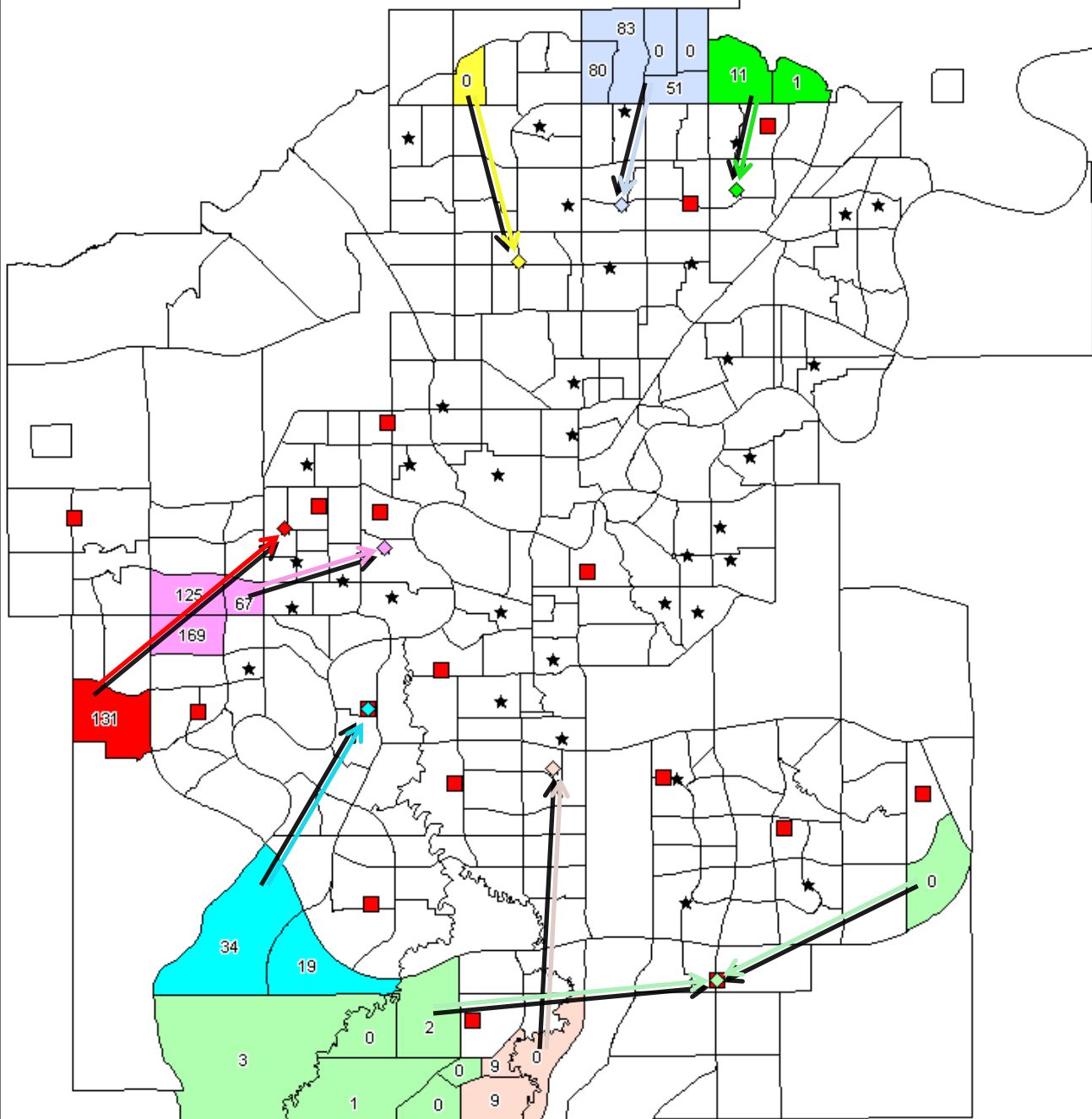
Elementary schools at capacity     ■

Other Elementary schools     ★



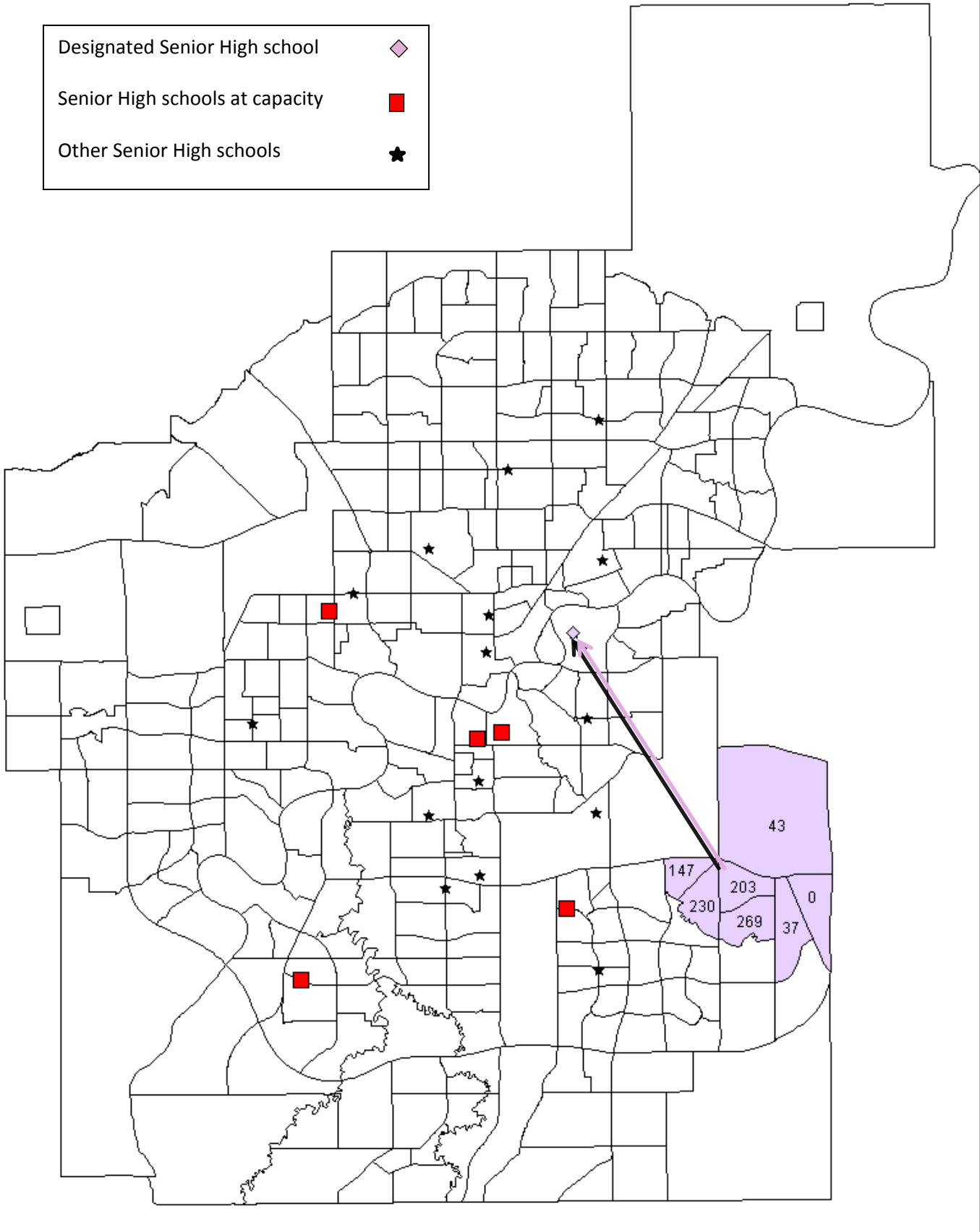
Map 2 - Neighbourhoods Which "Bypass" One or More EPSB Junior High School Including Number of Resident Students

- Designated Junior High school ◆
- Junior High schools at capacity ■
- Other Junior High schools ★



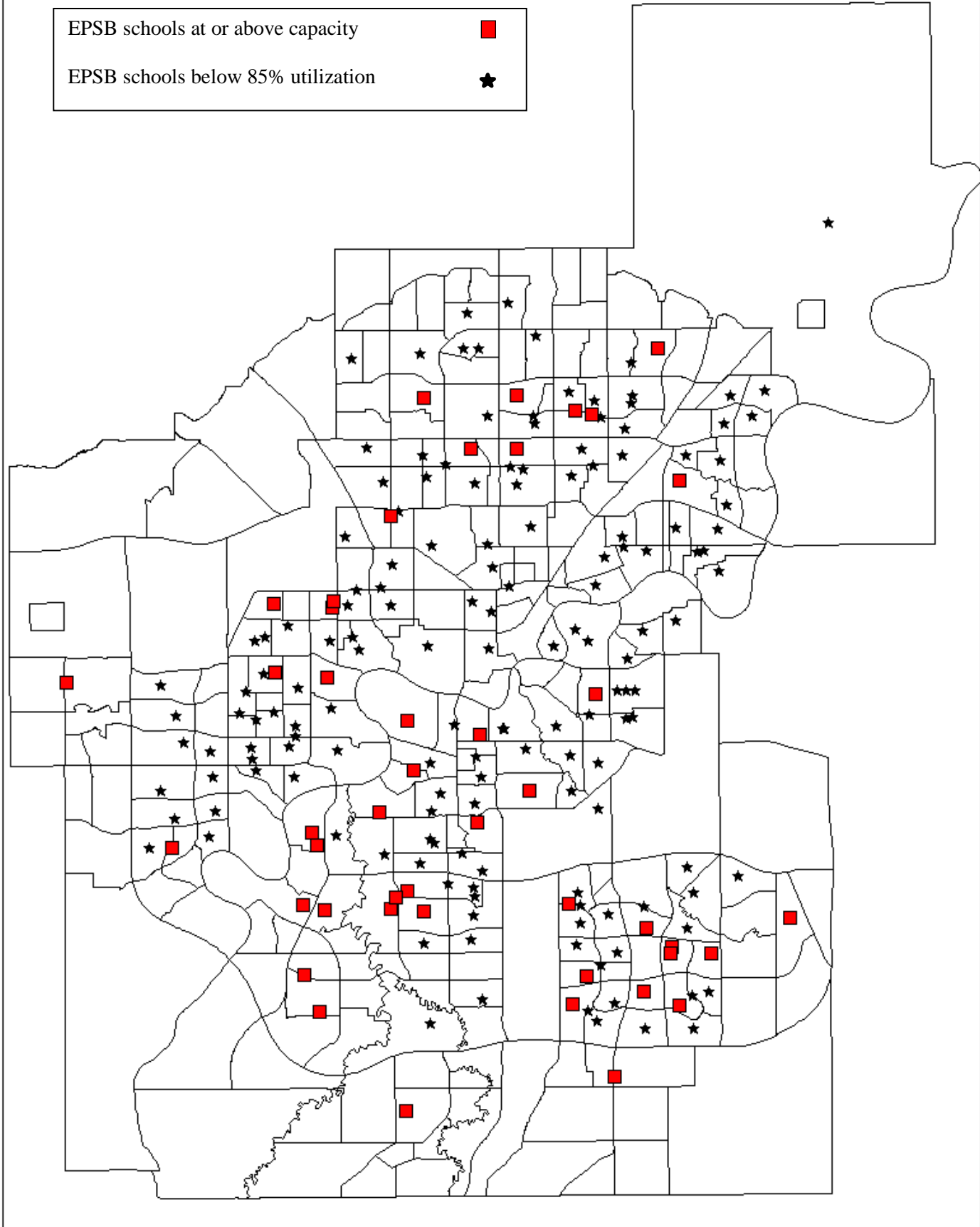
Map 3 - Neighbourhoods Which "Bypass" One or More EPSB Senior High School Including Number of Resident Students

- Designated Senior High school      ◆
- Senior High schools at capacity      ■
- Other Senior High schools      ★



Map 4 – All Edmonton Public Schools Including Those That Have Reached or Surpassed Their Capacities

EPSB schools at or above capacity	■
EPSB schools below 85% utilization	★



<b>Table 1 - Edmonton Public Schools That Have Reached or Surpassed Their Capacities</b>		
<b>FACILITY NAME</b>	<b>DIVISION</b>	<b>UTILIZATION RATE</b>
EDMONTON CHRISTIAN WEST HIGH SCHOOL	SH	166%
OLD SCONA SCHOOL	SH	131%
RICHARD SECORD SCHOOL	EL	118%
CRESTWOOD SCHOOL	EL/JH	117%
MILLWOODS CHRISTIAN SCHOOL	EL/JH/SH	116%
CAERNARVON SCHOOL	EL	115%
ELLERSLIE SCHOOL	EL/JH	111%
SCOTT ROBERTSON SCHOOL	EL	111%
EVANSDALE SCHOOL	EL	111%
GRANDVIEW HEIGHTS SCHOOL	EL/JH	110%
HOMESTEADER SCHOOL	EL	108%
HILLVIEW SCHOOL	EL	105%
EARL BUXTON SCHOOL	EL	104%
MEADOWLARK CHRISTIAN SCHOOL	EL/JH	103%
GEORGE H. LUCK SCHOOL	EL	102%
BELGRAVIA SCHOOL	EL	101%
LILLIAN OSBORNE SCHOOL	SH	100%
POLLARD MEADOWS SCHOOL	EL	100%
ESTHER STARKMAN SCHOOL	EL	97%
MOUNT PLEASANT SCHOOL	EL	97%
VERNON BARFORD SCHOOL	JH	96%
S. BRUCE SMITH SCHOOL	JH	96%
KATE CHEGWIN SCHOOL	JH	96%
EDMONTON CHRISTIAN WEST	EL/JH	96%
WINTERBURN SCHOOL	EL/JH	96%
JOHNNY BRIGHT SCHOOL	EL/JH	95%
KILDARE SCHOOL	EL	94%
MAYFIELD SCHOOL	EL	93%
WESTBROOK SCHOOL	EL	93%
THE ACADEMY AT KING EDWARD	EL/JH/SH	93%
HAZELDEAN SCHOOL	EL	92%
LONDONDERRY SCHOOL	JH	92%
BRANDER GARDENS SCHOOL	EL	90%
WINDSOR PARK SCHOOL	EL	90%
MEYOKUMIN SCHOOL	EL	88%
HOLYROOD SCHOOL	EL	88%
A. BLAIR MCPHERSON SCHOOL	EL/JH	87%
DR. DONALD MASSEY SCHOOL	EL	87%

<b>FACILITY NAME</b>	<b>DIVISION</b>	<b>UTILIZATION RATE</b>
GLENGARRY SCHOOL	EL	86%
BISSET SCHOOL	EL	86%
RIVERBEND SCHOOL	JH	85%
PRINCE CHARLES SCHOOL	EL	85%
MEYONOHK SCHOOL	EL	85%
GREENFIELD SCHOOL	EL	85%
SATOO SCHOOL	EL	85%



**Table 2 – Elementary Schools in Closer Proximity than Designated Receiving Schools by Neighbourhood**

<b>Designated School</b>	<b>Neighbourhood</b>	<b># Resident EPSB Students</b>	<b>Schools Located in Closer Proximity</b>
Belmead	The Hamptons	462	Michael A. Kostek, Lymburn, Aldergrove, Centennial, Ormsby, Callingwood
Belvedere	McConachie	37	Dr. Donald Massey*, McLeod, York, Lago Lindo, Florence Hallock*, J. A. Fife, Kildare*, Kirkness
Brander Gardens	Ambleside	59	Esther Starkman*, George H. Luck*, Earl Buxton*, George P. Nicholson, Greenfield*, Johnny Bright*, Westbrook*, Richard Secord*, Sweetgrass
Brander Gardens	Windermere Estates	63	Esther Starkman*, George H. Luck*, Earl Buxton*, George P. Nicholson, Johnny Bright*
Brander Gardens	Magrath Heights	108	Esther Starkman*, George H. Luck*, Earl Buxton*, George P. Nicholson, Greenfield*, Johnny Bright*, Westbrook*, Richard Secord*, Sweetgrass, Keheewin, Steinhauer, Duggan, Rideau Park, Malmo, Lansdowne
Brander Gardens	MacTaggart	121	Esther Starkman*, George H. Luck*, Earl Buxton*, George P. Nicholson, Greenfield*, Johnny Bright*, Westbrook*, Richard Secord*, Sweetgrass, Keheewin, Steinhauer, Duggan, Rideau Park, Malmo, Lansdowne
Brander Gardens	Hodgson	128	Brookside, Esther Starkman*, George H. Luck*, Earl Buxton*, George P. Nicholson, Greenfield*, Westbrook*, Richard Secord*, Sweetgrass, Malmo, Lansdowne

Notes: -Schools at capacity are denoted with an asterisk (\*).

-Neighbourhoods with three or fewer resident students are not displayed in the table.

-Schools were considered to be in Closer Proximity than the designated receiving school where the straight-line distance from the geographic centre of the neighbourhood was less than that to the designated receiving.

<b>Designated School</b>	<b>Neighbourhood</b>	<b># Resident EPSB Students</b>	<b>Schools Located in Closer Proximity</b>
Brookside	Haddow	238	Esther Starkman*, Earl Buxton*, George H. Luck*
Duggan	Allard	21	Johnny Bright*, George P. Nicholson*, Keheewin, Sweet Grass, Steinhauer, Esther Starkman*, Satoo*, Menisa, Ellerslie*, Meyonohk*
Duggan	Callaghan	24	Johnny Bright*, George P. Nicholson*, Keheewin, Sweet Grass, Steinhauer, Esther Starkman*, Satoo*, Menisa, Ellerslie*, Meyonohk*
Ellerslie	Chappelle	10	Esther Starkman*, George H. Luck*, Earl Buxton*, George P. Nicholson, Greenfield*, Johnny Bright*, Westbrook*, Richard Secord*, Sweetgrass, Keheewin, Steinhauer, Duggan, Satoo*
Northmount	Schonsee	104	Florence Hallock*, J. A. Fife, Evansdale*, John Barnett, Lago Lindo. McLeod, Dr. Donald Massey*
Ormsby	Cameron Heights	44	Michael A. Kostek, Centennial
Ormsby	Glastonbury	374	Lymburn
Westbrook	Skyrattler	66	Sweet Grass, Greenfield, George P. Nicholson, Keheewin, Steinhauer, Duggan
Westbrook	West Blue Quill	95	Sweet Grass, Greenfield*, George P. Nicholson

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**Table 3 – Junior High and Senior High Schools in Closer Proximity than Designated Receiving Schools by Neighbourhood**

<b>Junior High Schools</b>			
<b>Designated School</b>	<b>Neighbourhood</b>	<b># Resident EPSB Students</b>	<b>Schools Located in Closer Proximity</b>
D. S. MacKenzie	Allard	9	Johnny Bright*, Esther Starkman*, Dan Knott, Ellerslie*
D. S. MacKenzie	Callaghan	9	Johnny Bright*, Esther Starkman*, Dan Knott, Ellerslie*
Dickinsfield	Schonsee	51	Florence Hallock*, Dr. Donald Massey*, Londonderry*, Steele Heights
Dickinsfield	Lago Lindo	80	Florence Hallock*, Mary Butterworth
Dickinsfield	Klarvatten	83	Florence Hallock*, Mary Butterworth
Parkview	Thorncliffe	67	Hillcrest, S. Bruce Smith*, Westlawn
Parkview	Aldergrove	125	Hillcrest, S. Bruce Smith*, Westlawn, Winterburn*, Britannia
Parkview	Lymburn	169	Hillcrest, S. Bruce Smith*, Westlawn, Winterburn*, Laurier Heights
Riverbend	Ambleside	19	Esther Starkman*, Johnny Bright*, Vernon Barford*
Riverbend	Windermere Estates	34	Esther Starkman*, Johnny Bright*, Vernon Barford*
Steele Heights	McConachie	11	Dr. Donald Massey
Westlawn	The Hamptons	131	S. Bruce Smith*, Hillcrest, Winterburn*
<b>Senior High Schools</b>			
<b>Designated School</b>	<b>Neighbourhood</b>	<b># Resident EPSB Students</b>	<b>Schools Located in Closer Proximity</b>
McNally	Tamarack	37	W. P. Wagner, J. Percy Page
McNally	RL Maple Ridge	43	W. P. Wagner, J. Percy Page
McNally	Jackson Heights	147	W. P. Wagner, J. Percy Page, Strathcona, Harry Ainlay
McNally	Larkspur	203	W. P. Wagner, J. Percy Page, Strathcona
McNally	Kiniski Gardens	230	W. P. Wagner, J. Percy Page, Strathcona
McNally	Wild Rose	269	W. P. Wagner, J. Percy Page

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