

COMMITTEE OF THE WHOLE MARCH 31, 2009

WARD BOUNDARY REVIEW **WARD CONFIGURATION OPTIONS**

Recommendation

The City Clerk recommends:

- 1) That Council select either:
 - a. a five ward configuration, based on the 5 Ward "B" option; or
 - b. a six ward configuration, based on the Councillor Submission "2A" optionfrom the options set out in Appendix 'A' and "C" to this report for the purpose of conducting the 2010, 2014 and 2018 general municipal elections;
- 2) That the City Clerk and the Commissioner of Legal and Administrative Services/City Solicitor be directed to undertake all steps required to implement the selected ward boundary configuration, including appearances necessary for that purpose before the Ontario Municipal Board or a Court of law;
- 3) That the necessary by-law be passed, and statutory notice given; and
- 4) That this report be circulated to York Region School Boards, and The Regional Municipality of York.

Economic Impact

Direct costs associated with the Ward Boundary Review have to date been absorbed within the budgets of the City Clerk's Office and the Planning Department.

The cost of one additional Council office should Council adopt a six ward system will be between \$150,000 and \$200,000 for salaries, plus one time furniture/equipment costs and discretionary expenditures. Discretionary expenditure budgets are based on the size of the population served, and with a reallocation of budgets amongst wards, increases over present discretionary costs are not expected to be significant. Only one-twelfth of any additional costs will be incurred in 2010, with full-year impact not felt until 2011.

Communications Plan

Notice of the by-law, once adopted, will be given by publication in the City Page, and by posting on the City's web site.

Purpose

The purpose of this report is to summarize input received at the public meeting held as part of the public consultation component of the Ward Boundary Review. This report also facilitates a decision by Council to adopt either a five ward or six ward configuration for the purpose of conducting the 2010, 2014 and 2018 general municipal elections.

This report quotes generously from previous reports on the Ward Boundary Review and so also serves to summarize the background information set out in those reports.

Background - Analysis and Options

Current Situation:

City of Vaughan Council currently is comprised of 5 local Councillors elected by ward, three Regional and Local Councillors elected at large, and one Mayor.

Responding to a need to address perceived growing population inequalities between the various wards, prior to the 2003 municipal election Council directed that a ward boundary review be conducted for implementation in the 2006 municipal election. Staff reported on the matter to a Committee of the Whole (Working Session) meeting on March 22, 2005, at which time, amongst other things, direction was given for a report to be brought forward addressing 5, 6 and 7 local ward configurations. This report was considered at a Special Committee of the Whole (Working Session) in April of 2005. In considering the necessity to equalize the ward populations, Council considered in detail a number of 5, 6 and 7 ward configurations for local representation and also reviewed the matter of regional representation. In examining various options, Council was mindful of the cost of increasing the size of Council and the possibility that Council may eventually expand should the City of Vaughan gain an additional representative on Regional Council as a result of a then anticipated review of regional representation by the Council of The Regional Municipality of York. Council ultimately adopted a recommendation "That a five ward option that addresses the current inequality in ward population be considered as an interim measure for the 2006 election and that a review be undertaken prior to the 2009 election". That decision resulted in the Rutherford (north) limits of Wards 2 and 3 being shifted to Major Mackenzie Road, and the area bounded by Clark Avenue West, New Westminster Drive and Bathurst Street being added to Ward 5.

Since the last adjustment of the ward boundaries the City has continued to grow, predominantly in the new urban areas established in OPA #600. This has resulted in some wards growing in population disproportionately to other wards. In 2006, based on census data, Ward 1 had a population of approximately 58,000 people, while the smallest ward, Ward 5, had a population of approximately 36,700. This resulted in a variation of population from the average ward size of 22% more, and 23% less, respectively.

Population Forecasts

With the assistance of Planning Department staff, population projections have been applied to the existing 5 ward system for the next 3 elections. The results of the analysis show that the inequalities of the population distribution amongst the wards continues to grow. By 2018, if not reconfigured, Ward 1 is expected to have a population of approximately 117,200 people (85% above the average ward size in 2018), and Ward 5 will have a population of approximately 37,900 (40% below the average ward size in 2018). This analysis supports the need for evaluating new ward boundary options.

Members of Vaughan Council represent considerably more residents per Council member than those of comparable municipalities. When comparing the number of residents per local councillor Vaughan local councillors represent approximately 14,500 more residents on average, as compared to the municipalities set out at Table 1. It is noted that Council size has increased over the years by two regional councillors to reflect Vaughan's increasing population and size relative to other York Region municipalities.

Table 1

Municipality	2006 Census Population	No. of Wards	Council Size	No. of Local Councillors	No. of Regional Councillors	Ratio/ Local Councillor	Ratio/ Regional Councillor
VAUGHAN	238,866	5	9	5	3	1: 47,773	1: 79,622
Richmond Hill	162,704	6	9	6	2	1: 27,117	1: 81,352
Markham	261,573	8	13	8	4	1: 32,697	1: 65,393
Brampton	433,806	10	11	5	5	1: 86,761	1: 86,761
Mississauga	668,549	11	12	11	N/A	1: 60,777	N/A
Oakville	165,613	6	13	6	6	1: 27,602	1: 27,602
St. Catherines	131,989	6	13	12	N/A	1: 10,999	N/A
London	352,400	14	15	14	N/A	1: 25,171	N/A
Guelph	114,493	6	13	12	N/A	1: 9,541	N/A
Oshawa	141,590	7	11	3	7	1: 47,197	1: 20,227
Kingston	117,207	12	13	12	N/A	1: 9,767	N/A
Barrie	128,430	10	11	10	N/A	1: 12,843	N/A
AVERAGE						1: 33,187	1: 60,160

Ward Boundary Review Methodology

With the initial report to Committee of the Whole (Working Session) on September 9, 2008, staff submitted preliminary ward boundary options for 5, 6 and 7 ward configurations. Population based on the 2006 census was analyzed at the census dissemination level (roughly equivalent to the neighbourhood level except in sparsely populated areas) and then adjusted to project estimated populations for the next three elections. Proposed ward boundary options were created using the following criteria:

- No population variances greater than 15% based on the average populations between the wards
- The maintenance of distinct communities
- Acknowledgement of natural or built boundaries between communities
- Use of easily identifiable boundaries
- Recognition of communities of interest
- Accommodation of future growth

Population Projections

OPA #600 is the City's guide for development until 2026, and it established a number of new urban areas within the City, including the Vellore and Carrville Urban Villages. It is within these new urban areas where the majority of growth within the City is expected to occur. Using the population projections in OPA #600 for these new urban areas, along with consultation with Policy Planning Department and Engineering Department staff, population projections were developed for the city at each of the next 3 elections. These projections were applied to specific areas of the City where development is proposed so that growth within each ward could be estimated. This approach allowed an evaluation of population distribution amongst the wards at each election year.

The population estimates for the new urban areas for OPA #600 have been found to be very reliable. The new urban areas in OPA #600 that have already developed, such as the Woodbridge Expansion Area, have census populations that are very close to the population estimates in OPA #600. This allows for a high level of confidence in using the population estimates in OPA #600.

While the OPA #600 new urban areas are the source of the majority of growth in the City, they are not the only source. The Growth Plan for the Greater Golden Horseshoe requires that 40% of residential development shall occur within existing built areas by 2015. This, however, is a Region-wide requirement which means the actual target for Vaughan may be different than the 40% in the Growth Plan. The Region of York has not yet established the target for Vaughan's intensification and as a result cannot be accounted for in our population projections in this exercise. We have assumed that intensification will occur on a roughly equal basis across the City.

The population projections also only take into account major areas for development outlined in OPA #600. There will be some development outside of the OPA #600 new urban areas, such as the Kleinburg Golf Club redevelopment or individual condominium developments. These types of developments will have only a small impact on the population projections when looked at on a City-wide basis. Including these types of developments would lead to a level of detail in population forecasting that is not necessary for the purposes of determining ward boundaries. Each potential ward will see some of this type of development, whether it be new low-density subdivisions or high-density buildings, and it is assumed that this will be generally equally spread across the City and affecting no one ward more so than another.

While the City is undertaking an Official Plan review, any new development areas that may be established will not be substantially developed until after the 2018 election. OPA #600 has a planning horizon of 2026, which is well beyond the election in 2018. There will be some impact on population projections as early as 2015, however no significant impact as a result of the OP review are anticipated for the next three elections.

It is important to understand that the population projections that are being completed are not intended to give detailed populations for a ward at an election date, but rather are to be used as a tool to evaluate the equitable distribution of population amongst the proposed wards as the City's population grows.

Public Consultation Component of the Ward Boundary Review

Survey

It was the view of the Committee of the Whole (Working Session) on September 9, 2009 that rather than engaging in public consultations on the basis of ward options already created, it would be preferable to assess the importance of the ward boundary criteria to the citizens of the City of Vaughan. The Committee wanted to take an approach which ensured that the public consultation process was not prejudiced by the presentation of concrete options, and asked that a report on the consultation approach be presented.

At its meeting of November 24, 2009, by its adoption of Item 2 of Report No. 56 of the Committee of the Whole (Working Session), Council adopted a revised timetable for the Ward Boundary Review Public Consultation Process. In accordance with the revised timetable a survey was released to the general public seeking perspectives on such things as the City's ward system, the need for an additional ward(s), and representation at Regional Council. In accordance with Council's direction, the relative ranking of the key ward boundary criteria was tested through several questions in the survey.

Survey Response:

Despite the Survey being widely advertised only a small proportion of potential respondents replied to it. A total of 93 responses were received.

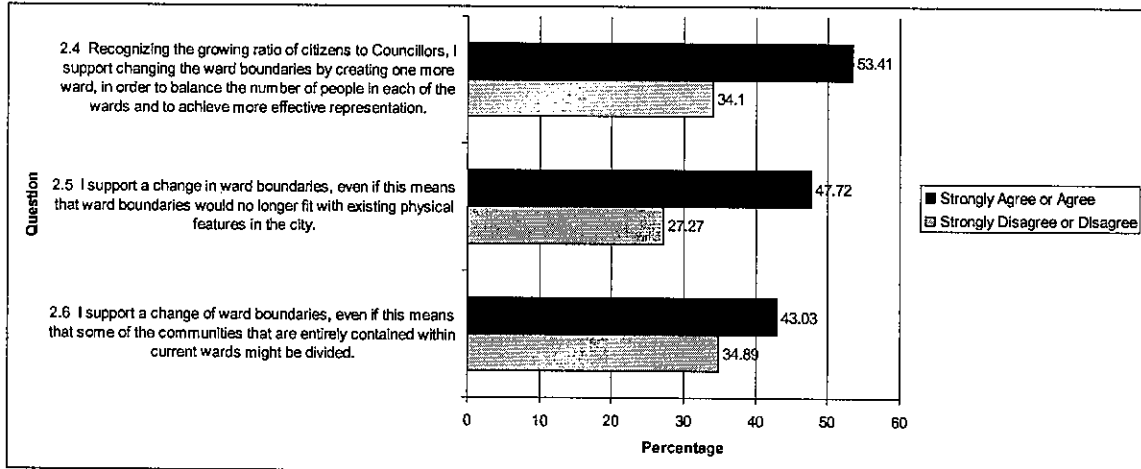
Ward Boundary Review Criteria:

The survey showed that Representation by Population, followed closely by Physical Features and Boundaries, and then by Maintaining Communities and Neighbourhoods and Future Population Trends, was the order in which the ward boundary criteria were ranked by survey respondents.

Ward Size:

The survey revealed that the most popular response for ward size in the survey was a population of 40,000 for each local ward. Using simple arithmetic, a ward size of 40,000 in a total current population of just under 270,000 results in a ward configuration of between 6 and 7 wards. The creation of at least one more ward is also supported by the answers set out in the following chart in Figure 1:

Figure 1



Regional Representation:

Survey results on the desirability of additional representation were clearly in favour of increasing Vaughan's membership on York Region Council. The response on the method of representation, whether by city-wide vote or on a ward (or ward combination) basis, showed no significant preference.

Public Meeting

The public meeting on March 9, 2009 was held in an 'open house' format, similar in nature to meetings held to confer with communities on infrastructure developments affecting neighbourhoods. In preparation for the meeting, staff printed large format maps of the ward boundary options prepared by staff and from those submitted by one member of Council. No members of the public, submitted options until after the meeting. In all 14 options were prepared for presentation and consideration (See Appendix 'A').

Each of the proposed ward maps were examined by Planning Department staff and labeled with the estimated ward populations at each of the next three elections. Omitted from the population projections were estimates for infilling, because of insufficient information upon which to base predictions.

Large format reference maps of the existing wards, street network and natural features of the City were also posted (See Appendix 'A')

Each ward map underwent a mathematical analysis of the population projections, each ward's variances from the average ward size, and the overall average deviation from average ward size. The resulting information was listed in a table on each map. Attendees at the meeting were advised that the lower the average deviation number, the better that map achieved balanced

ward populations (however the caution was also given that though it is possible to achieve a low average deviation number, wide swings in population size that net themselves out (ie. +30%, -30%) could mask an unbalanced solution.

Approximately 20 members of the public attended the open house.

The meeting began with a welcome from the City Clerk, an introduction of the Members of Council in attendance, and a brief background on the Ward Boundary Review.

In laying the foundation for the review, the City Clerk:

- presented current ward boundaries and population
- identified the major established communities in the City (Kleinburg, Woodbridge, Maple, Concord, Thornhill)
- addressed the review criteria
- Showed slides setting out the major natural features of the City, and major roads and highways
- presented the table of population ratios from comparator municipalities.

The meeting proceeded to its second phase, with participants asked to discuss the map options with their neighbours, and to write comments directly on the maps. A table was also prepared so members of the community could create their own maps with the aid of acetates showing the road network, natural features, and existing ward boundaries. Though the majority of the room did as invited and discussed/commented on the maps presented, several in attendance expressed dissatisfaction with the meeting format in that:

- a consultant had not been hired to conduct the review (the review was conducted by the City Clerk's office with the aid of Planning staff)
- comments were not allowed from the floor with respect to opposition to any additional ward, regardless of configuration (such comments were directed to the committee of the whole meeting on March 31, 2009, at which this report is to be considered).

The comments made in respect of each of the options are set out at Appendix 'B'. (Personal information removed).

One member of the public submitted (and subsequently clarified) a map proposal based on the 5 Ward "B" option. The submission is identified as "Public Submission "1" and is set out at Appendix "C" to this report for easy reference.

Options Presented for Consideration:

Council is not bound to choose any of the options under consideration, or to undertake any changes in its ward boundaries. To facilitate Council's decision making, however, staff have identified two options, one each for a five ward system and a six ward system, for Council's consideration. Each of the options are respectful of the ward boundary review criteria, and are clearly the best options from the perspective of balancing ward populations over time. Each of the options, plus the variation on the 5 Ward "B" option submitted by a member of the public (Public Submission "1") are separately set out in Appendix "C". The versions set out in Appendix "C" are being presented in a manner which reflects the ward boundary lines that differ from the current ward configuration.

5 Ward "B" (and Public Submission "1" Variation)

Of all of the options prepared, this option best distributes the anticipated population at the 2018 election, though it does take the three elections to "grow" into balance. Initially, Wards 3 and 5 have populations over 20% greater or lower than the average ward population. By 2018, the variation from the average ward population is no greater than 4% for any ward.

The proposed wards respect man-made boundaries. Each of the wards uses a 400 series highway as one boundary. The disadvantage of the option is that it does not contain Maple within a single ward. Additionally, the Woodbridge Expansion Area is separated from the Woodbridge community by being placed in Ward 1. Ward 1 also includes Block 39 and additional new urban areas, in addition to the Kleinburg community, which is located at the centre of this proposed ward.

Under this proposal, Wards 1 and 3 will experience the most growth. Vellore Urban Village 1 is located within the proposed Ward 1. When fully built out, this urban area will have an estimated population of 47,485 people, as outlined in OPA #600. Ward 3 contains approximately half of the Carrville Urban Village 2, being Blocks 11 and 12. The other half of this urban area is within the proposed Ward 4, and this area is almost built out. The result is that both the proposed Wards 1 and 3 start out with populations below the average, but with the continued development have populations very close to the average at the 2018 election.

After the Public meeting, staff received an additional proposed ward option from the public in the form of a variation of the 5 Ward "B" option (Public Submission "1"). Under the variation, initially 3 wards have populations that vary more than 15% from the average ward size, however by the 2018 election all of the proposed wards have a variation of no more than 11%. The wards respect man-made boundaries, such highways and arterial roads. A railway line, along the east side of Maple is used as a boundary as well. This proposal also combines Woodbridge into one ward, while having the benefit of containing the majority of Maple into one ward.

The 5 Ward "B" and Public Submission "1" proposals represent wholesale change from the existing wards. No existing ward remains the same, and very few of the boundaries remain intact.

Councillor Submission 2A

This option also achieves ward populations meeting the criterion by the third election. By 2018, no ward exceeds 15% variation from the average ward size.

The proposed wards in this option respect man-made boundaries, such as the 400 series highways and arterial roads. Wards 2 and 3 maintain the current boundaries of those wards. The proposed Ward 1 maintains much of its current boundaries, and Ward 5 sees some change in the form of additional residential areas.

The most significant departure from the current ward boundaries is the proposed Ward 1. This proposed ward encompasses Maple and could be referred to as the "Maple" ward.

This option generally respects community boundaries. Although Woodbridge is divided between two wards, this has been the situation for many years in Vaughan. The division is not inappropriate given the size of the community, and the natural divider presented by river valleys. Ward 5 contains more, but not all of the Thornhill community. Ward 4 encompasses the Concord area and newer areas north of Thornhill. Ward 6 contains Kleinburg, the rural areas of the city and the newly developing areas of Vellore Village and Carrville Village.

The proposed Ward 6 contains most of the new growth. This ward contains significant portions of both Vellore Urban Village 1 and Carrville Urban Village 2. These areas, for the most part, remain to be developed and this is reflected in the population projections. At the 2010 election it is estimated that this ward will be approximately half of the average ward size, but by 2018 it will be very nearly at the average ward size.

Relationship to Vaughan Vision 2020/Strategic Plan

This report is consistent with the priorities set forth in Vaughan Vision 2020, particularly "Demonstrate Leadership and Promote Effective Governance."

Regional Implications

Implementation of any measures modifying the number or manner in which Vaughan councillors are appointed to Regional Council will require the approval of that body.

The election of representatives on York Region's School Boards will be affected by reconfiguration of Vaughan wards.

Conclusion

Council has long recognized that Vaughan's rapidly growing population creates increasing imbalance in ward populations over time. The current ward structure was put in place as an interim measure, it being recognized that a ward boundary review would be conducted prior to the 2010 general municipal election.

The Ward Boundary Review assessed a variety of ward options against key criteria – principal amongst which was the need to address the population imbalance by attempting to set ward boundaries so that each ward was within 15% of the average ward size by the end of the review period. Communities of interest, physical and natural boundaries, and the recognition of Vaughan's established communities were also important factors that were assessed in reviewing each of the options.

Two ward boundary options, one each for a five ward system and a six ward system, have been recommended as viable choices from all the options reviewed.

Should a by-law be passed adopting a new ward configuration for the City, notice of the by-law is to be given within 15 days. Within 45 days from the date the by-law is passed, any person may appeal the by-law to the Ontario Municipal Board by filing a notice of appeal setting out the objections to the by-law and reasons in support of the objections.

Attachments

Appendix 'A' – Ward Boundary Options
Appendix 'B' – Public Comments on Options
Appendix 'C' - Options presented for Consideration

Report prepared by:

Jeffrey A. Abrams,
City Clerk

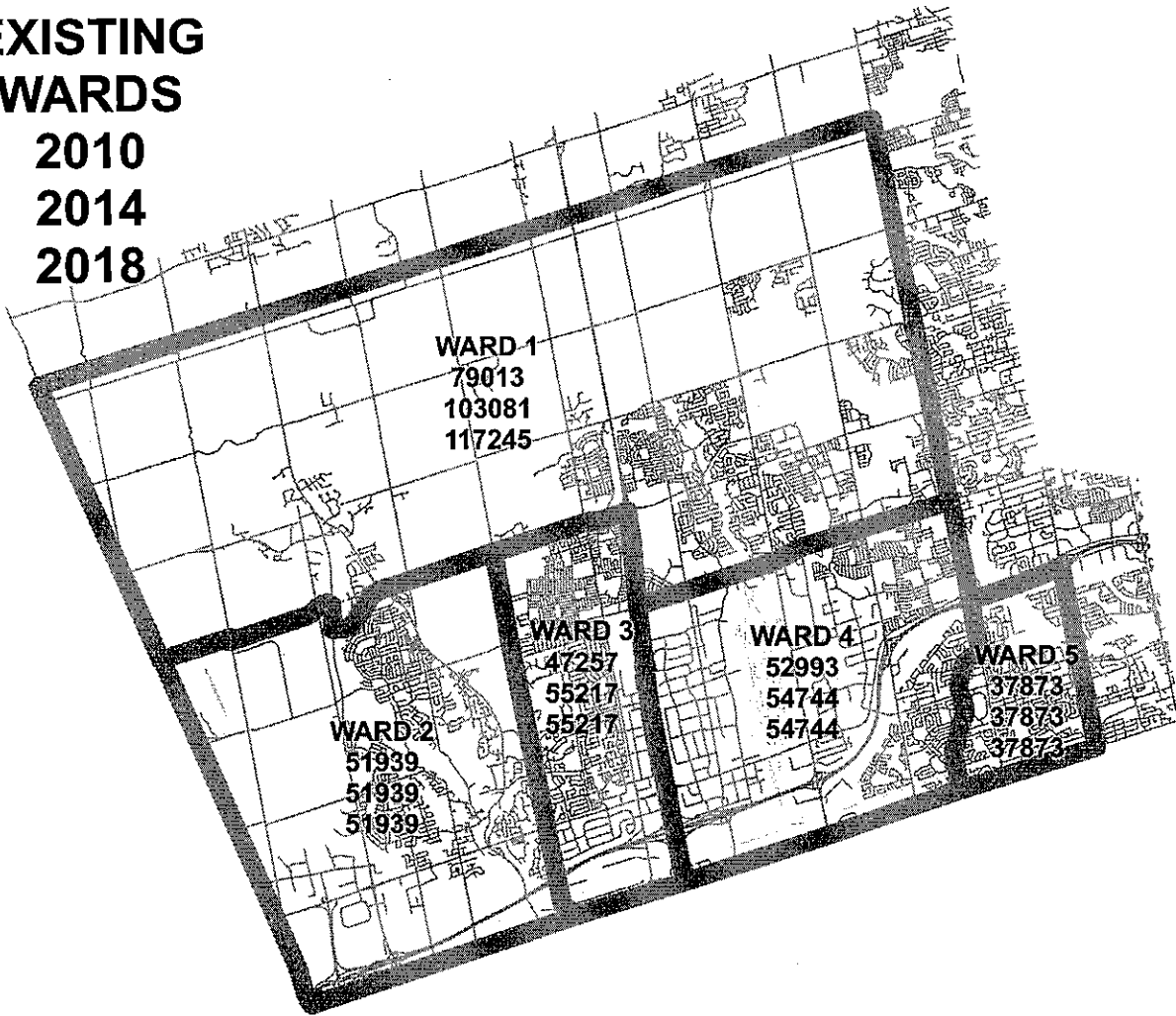
Joseph Chiarelli,
Manager, Special Projects, Licensing and Permits - Insurance Risk Management

Todd Coles,
Manager, Development Services and, Secretary-Treasurer to Committee of Adjustment

Respectfully submitted,

Jeffrey A. Abrams
City Clerk

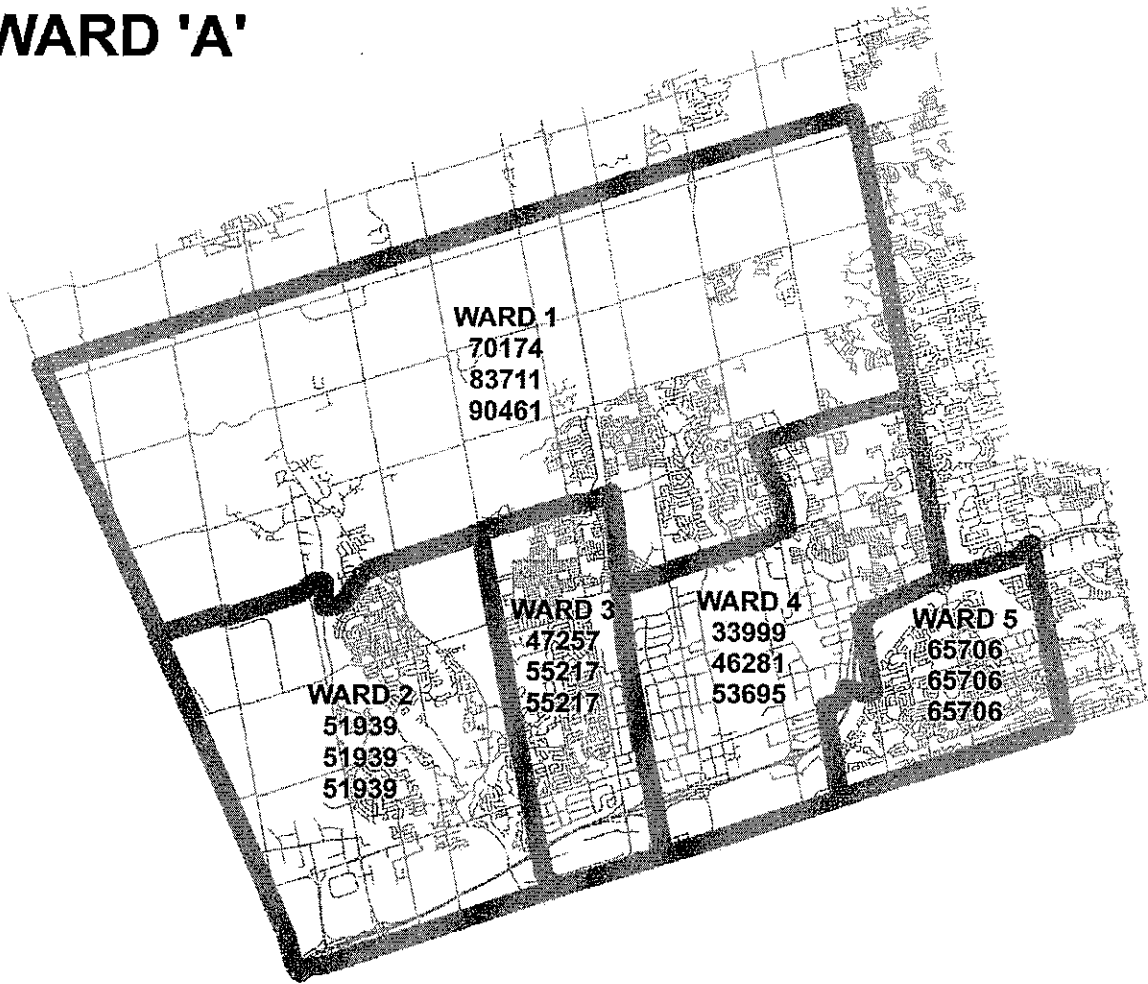
**EXISTING
WARDS
2010
2014
2018**



	EXISTING 5 WARDS					
	Ward	2010		2014		2018
	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	79,013	47	103,081	70	117,245	85
2	51,939	-3	51,939	-14	51,939	-18
3	47,257	-12	55,217	-9	55,217	-13
4	52,993	-2	54,744	-10	54,744	-14
5	37,873	-30	37,873	-37	37,873	-40
Total Population	269,075		302,854		317,018	
Average Population per Ward per Ward	53,815		60,571		63,404	
Average Deviation from from Ward Avg. Population	10,079	19	17,004	28	21,537	34

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

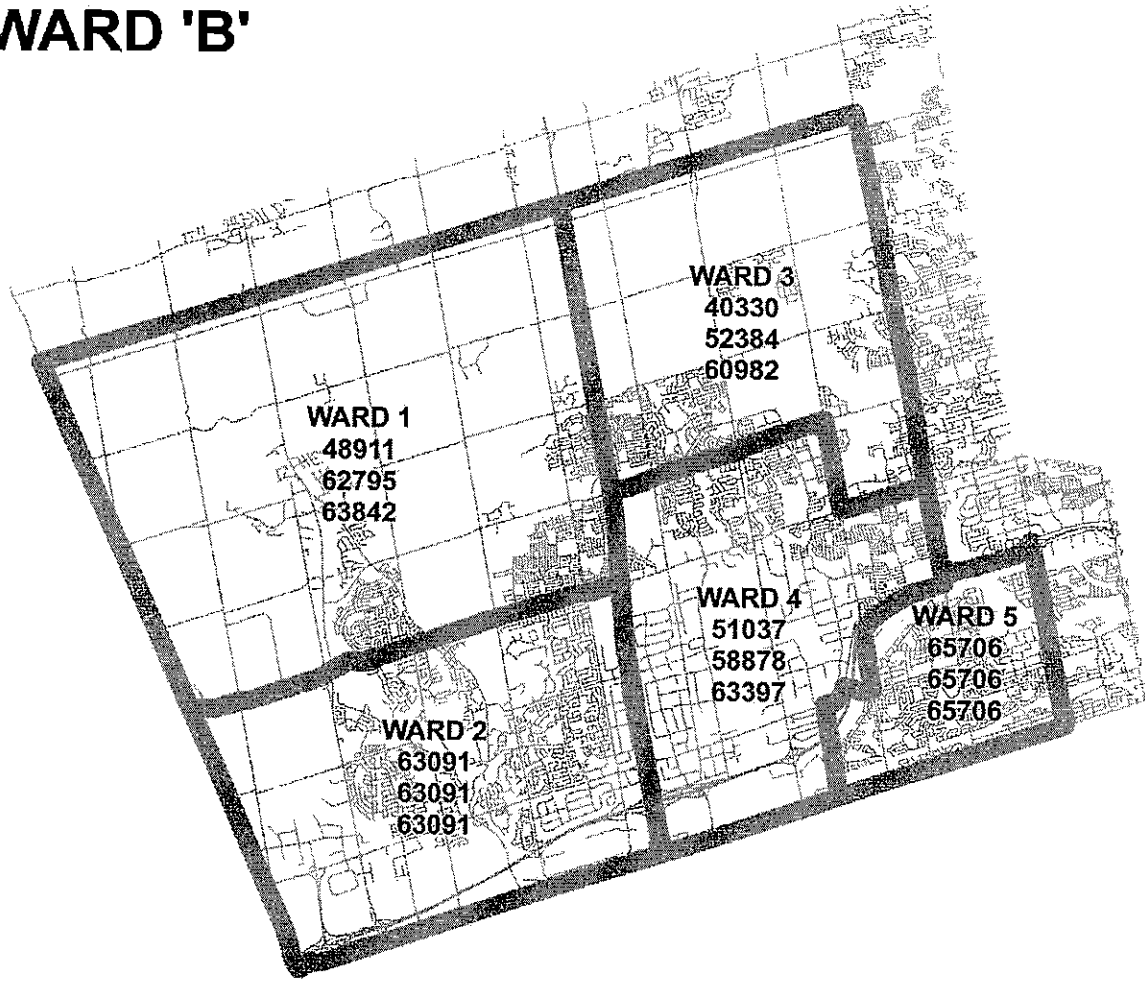
5 WARD 'A'



	5 WARD - OPTION 'A'					
	2010		2014		2018	
Ward	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	70,174	30	83711	38	90461	43
2	51,939	-3	51939	-14	51939	-18
3	47,257	-12	55217	-9	55217	-13
4	33,999	-37	46281	-24	53695	-15
5	65,706	22	65706	8	65706	4
Total Population	269,075		302854		317018	
Average Population per Ward	53,815		60571		63404	
Average Deviation from Ward Avg. Population	11,300	21	11310	19	11744	19

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

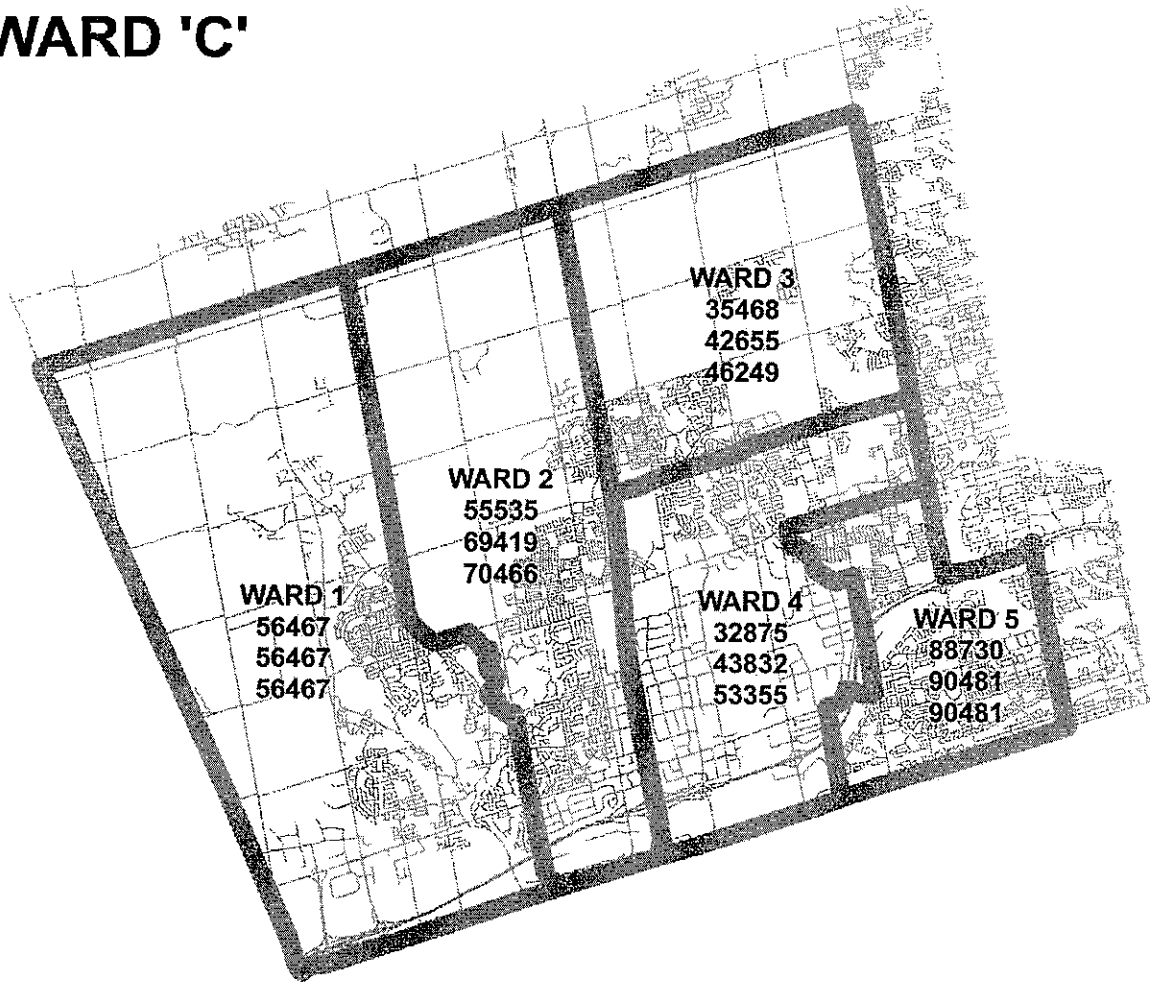
5 WARD 'B'



	5 WARD - OPTION 'B'					
	2010		2014		2018	
Ward	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	48911	-9	62795	4	63842	1
2	63091	17	63091	4	63091	0
3	40330	-25	52384	-14	60982	-4
4	51037	-5	58878	-3	63397	0
5	65706	22	65706	8	65706	4
Total Population	269075		302854		317018	
Average Population per Ward	53815		60571		63404	
Average Deviation from Ward Avg. Population	8467	16	3952	7	1096	2

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

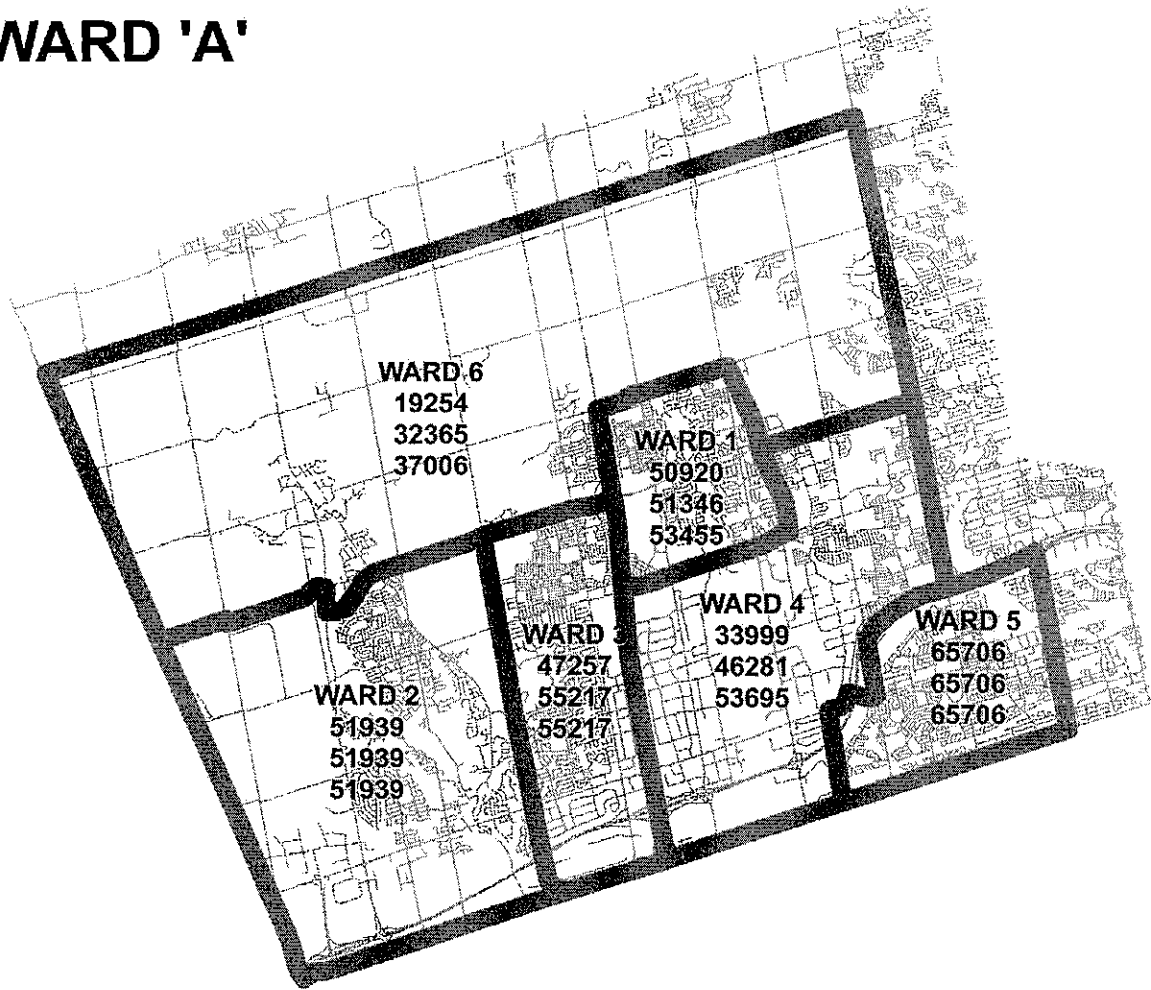
5 WARD 'C'



	5 WARD - OPTION 'C'					
	2010		2014		2018	
Ward	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	56467		56467	-7	56467	-11
2	55535	3	69419	15	70466	11
3	35468	-34	42655	-30	46249	-27
4	32875	-39	43832	-28	53355	-16
5	88730	65	90481	49	90481	43
Total Population	269075		302854		317018	
Average Population per Ward	53815		60571		63404	
Average Deviation from Ward Avg. Population	15715	29	15503	26	13656	22

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

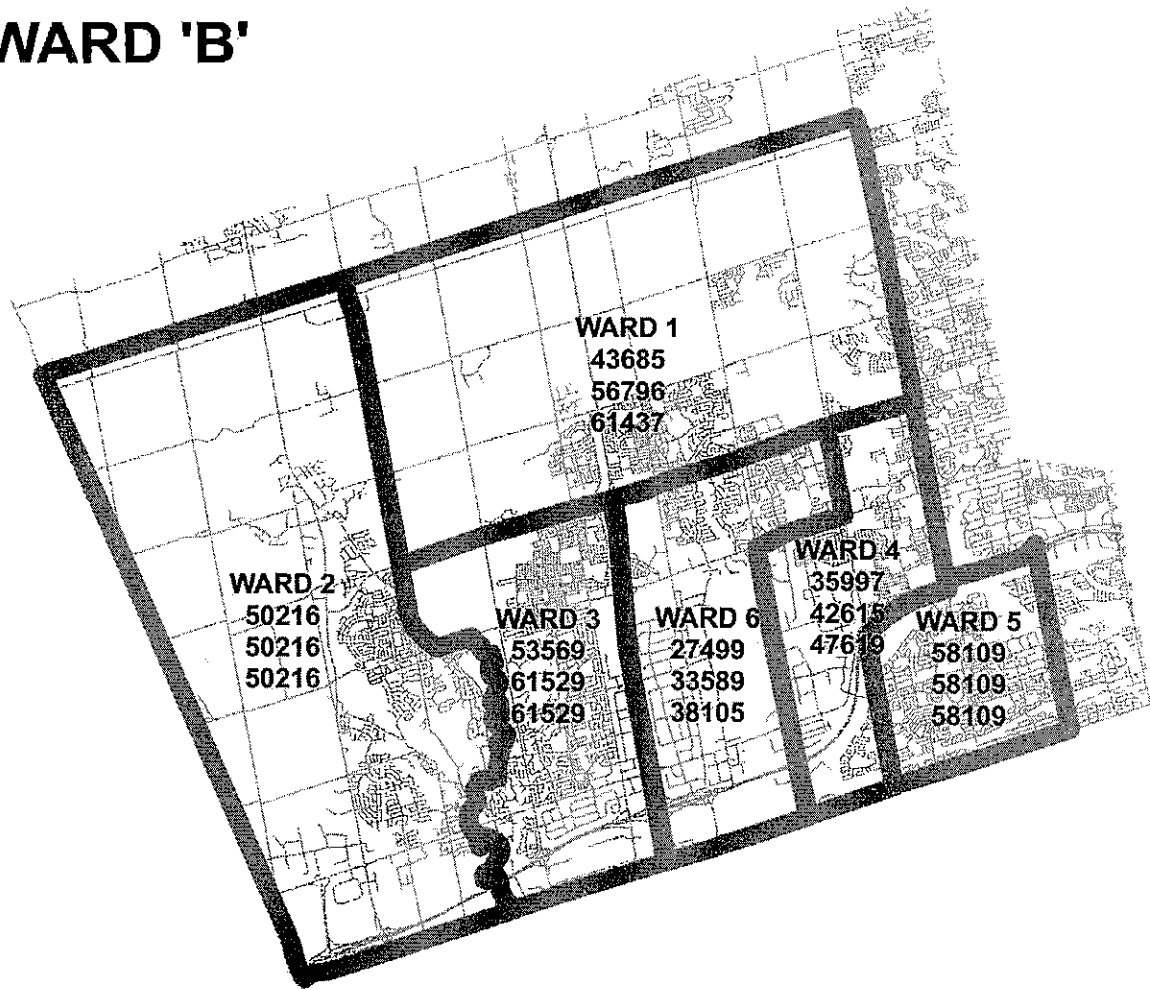
6 WARD 'A'



	6 WARD - OPTION 'A'					
	2010		2014		2018	
Ward	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	50,920	14	51,346	2	53,455	1
2	51,939	16	51,939	3	51,939	-2
3	47,257	5	55,217	9	55,217	5
4	33,999	-24	46,281	-8	53,695	2
5	65,706	47	65,706	30	65,706	24
6	19,254	-57	32,365	-36	37,006	-30
Total Population	269,075		302,854		317,018	
Average Population per Ward	44,846		50,476		52,836	
Average Deviation from Ward Avg. Population	12,146	27	7,435	15	5,576	11

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

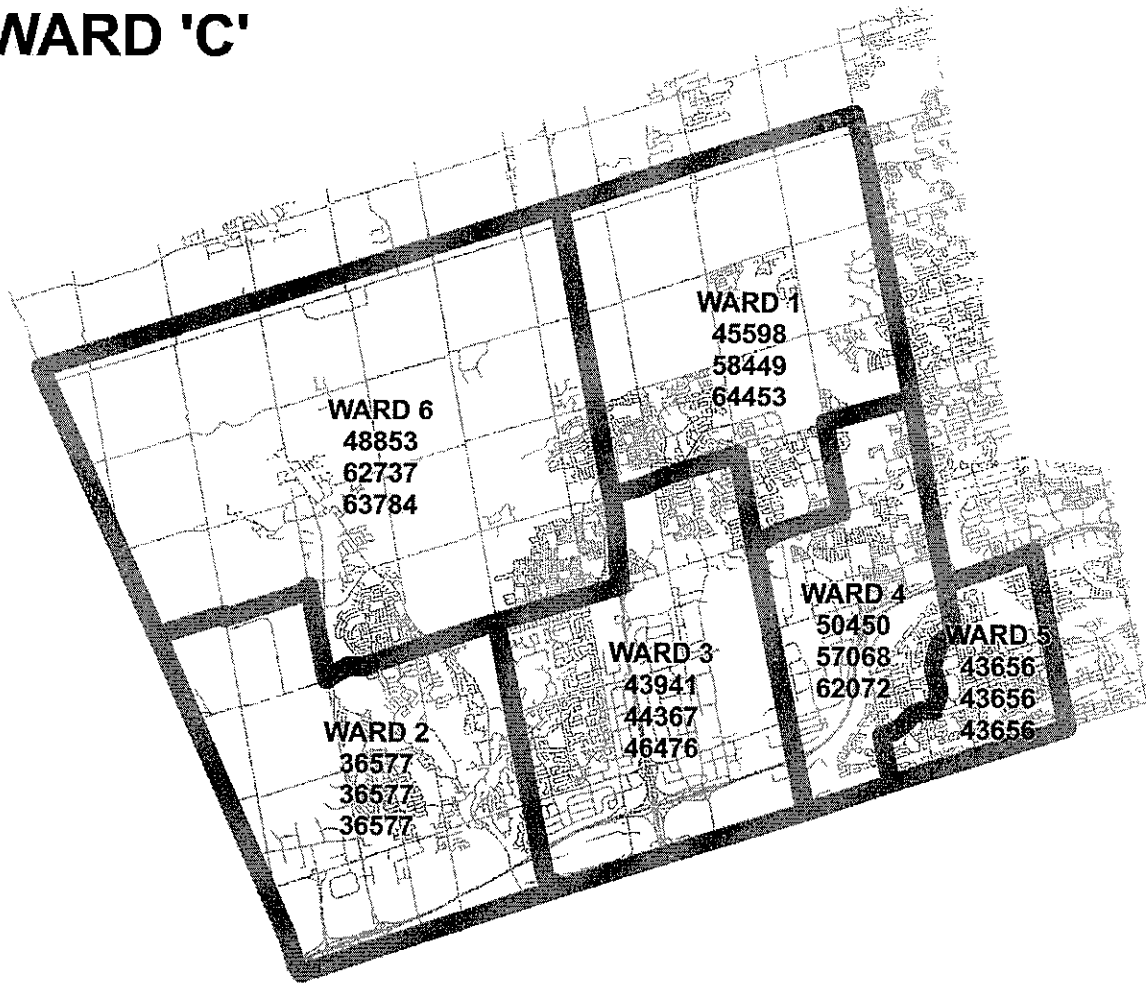
6 WARD 'B'



6 WARD - OPTION 'B'							
Ward	2010			2014		2018	
	Population	Variation from Average Ward Population (%)		Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	43,685	-3		56,796	13	61,437	16
2	50,216	12		50,216	-1	50,216	-5
3	53,569	19		61,529	22	61,529	16
4	35,997	-20		42,615	-16	47,619	-10
5	58,109	30		58,109	15	58,109	10
6	27,499	-39		33,589	-33	38,108	-28
Total Population	269,075			302,854		317,018	
Average Population per Ward	44,846			50,476		52,836	
Average Deviation from Ward Avg. Population	9,119	20		8,336	17	7,522	14

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

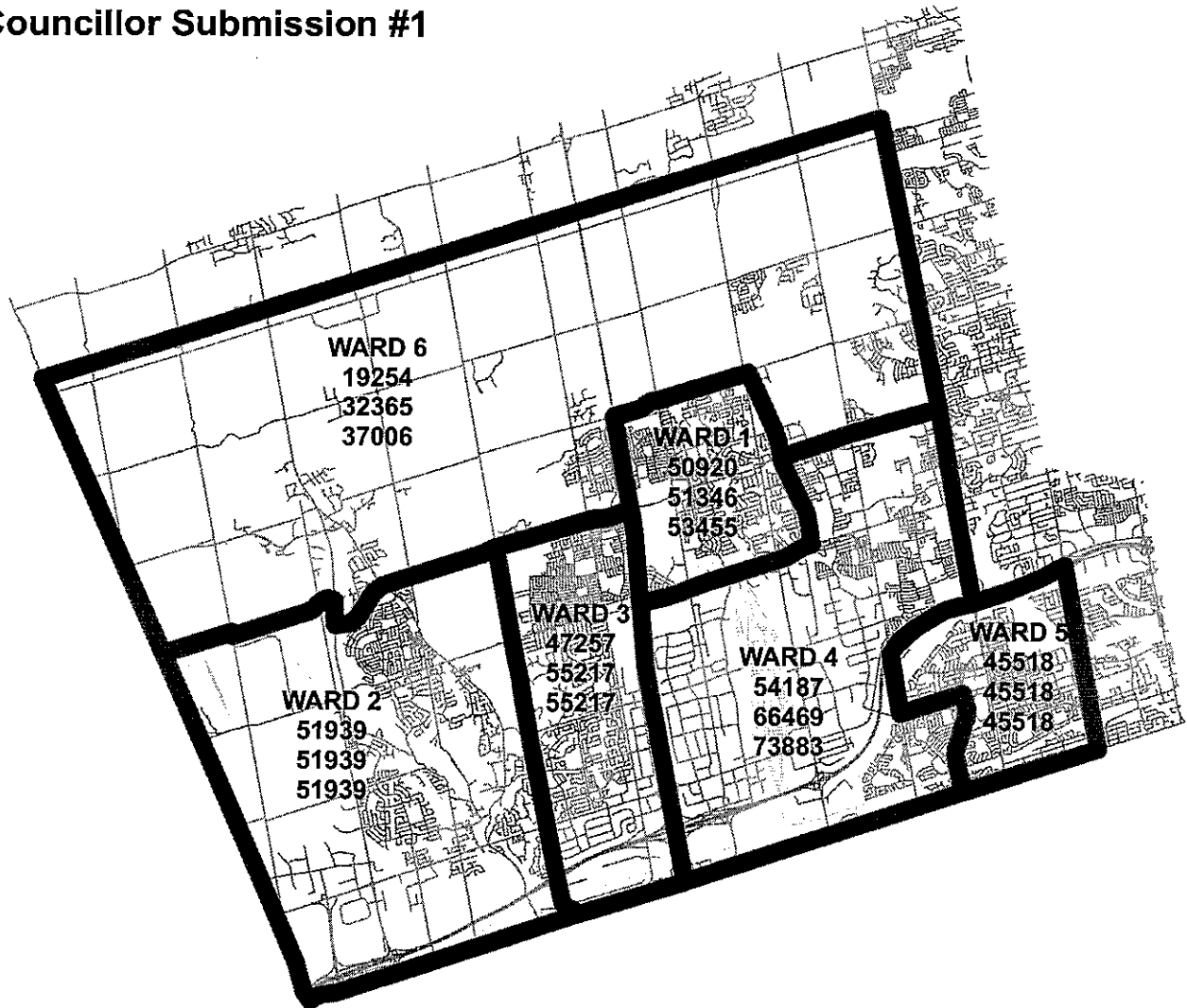
6 WARD 'C'



	6 WARD - OPTION 'C'					
	2010		2014		2018	
Ward	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	45,598		58,449	16	64,453	22
2	36,577	-18	36,577	-28	36,577	-31
3	43,941	-2	44,367	-12	46,476	-12
4	50,450	12	57,068	13	62,072	17
5	43,656	-3	43,656	-14	43,656	-17
6	48,853	9	62,737	24	63,784	21
Total Population	269,075		302,854		317,018	
Average Population per Ward	44,846		50,476		52,836	
Average Deviation from Ward Avg. Population	3,455	8	8,942	18	10,600	20

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

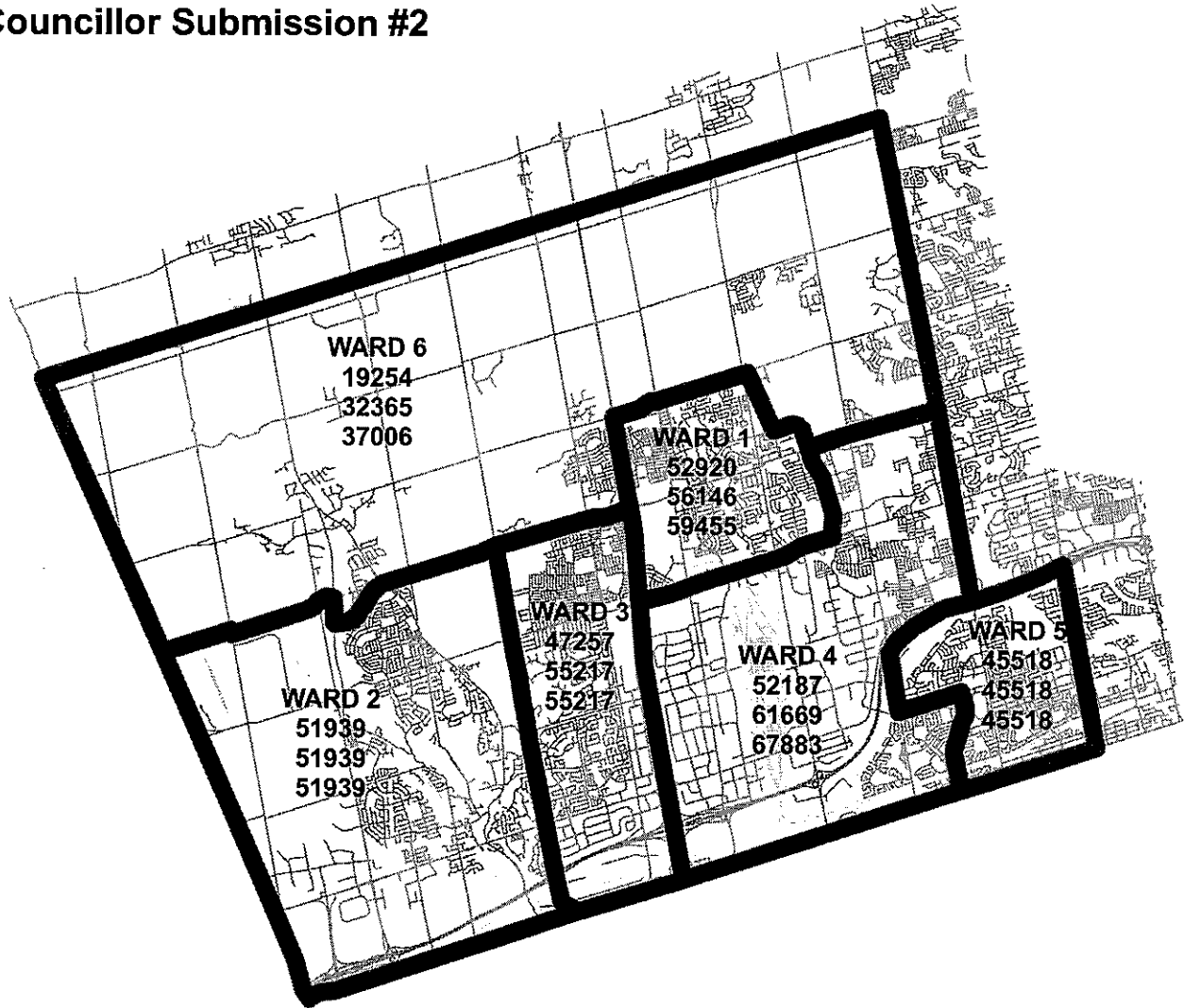
Councillor Submission #1



	COUNCILLOR OPTION '1'					
	2010		2014		2018	
Ward	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	50,920	14	51,346	2	53,455	1
2	51,939	16	51,939	3	51,939	-2
3	47,257	5	55,217	9	55,217	5
4	54,187	21	66,469	32	73,883	40
5	45,518	1	45,518	-10	45,518	-14
6	19,254	-57	32,365	-36	37,006	-30
Total Population	269,075		302,854		317,018	
Average Population per Ward	44,846		50,476		52,836	
Average Deviation from Ward Avg. Population	8,531	19	7,689	15	8,015	15

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

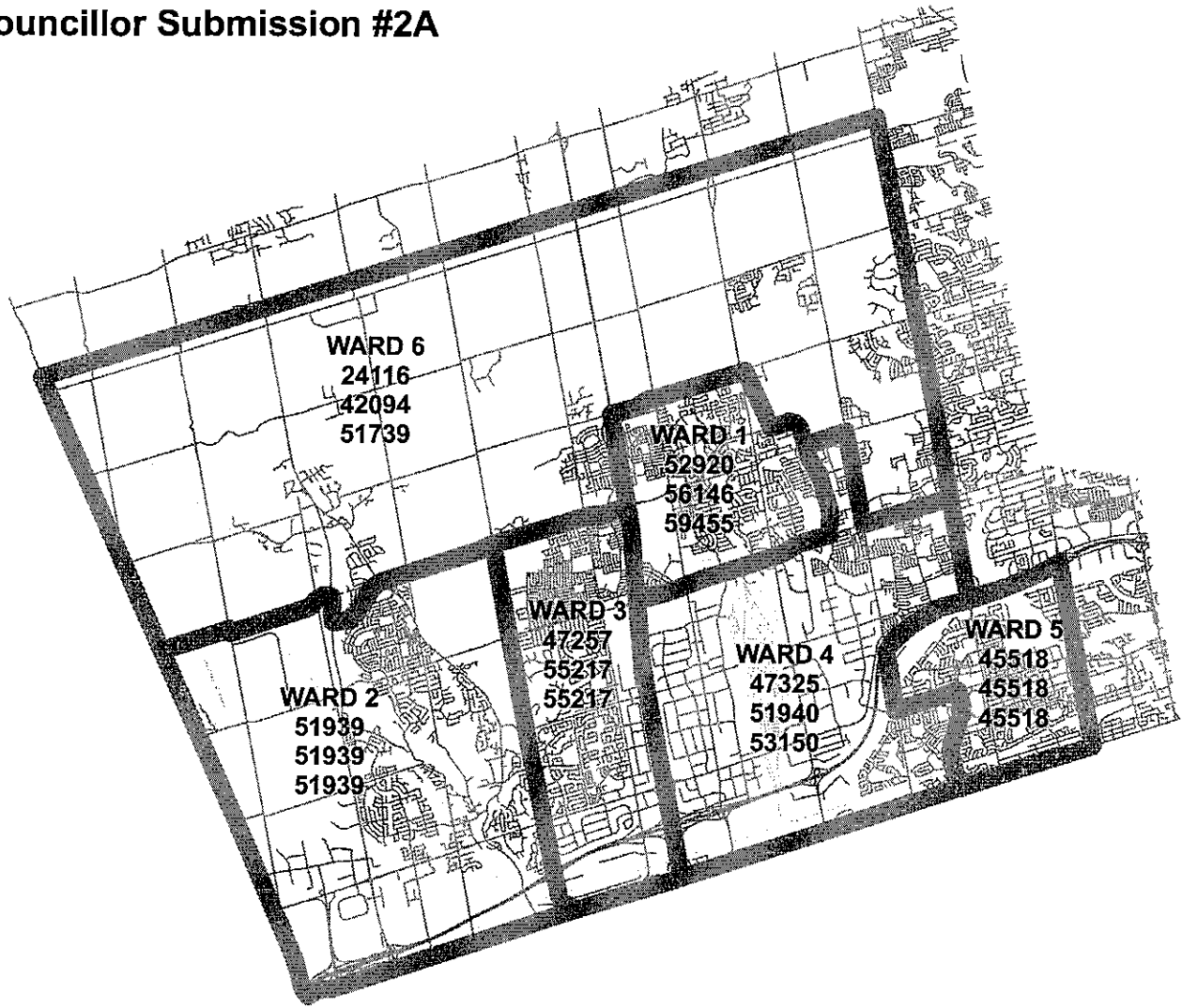
Councillor Submission #2



	<u>COUNCILLOR OPTION '2'</u>					
	2010		2014		2018	
Ward	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	52,920	18	56,146	11	59,455	13
2	51,939	16	51,939	3	51,939	-2
3	47,257	5	55,217	9	55,217	5
4	52,187	16	61,669	22	67,883	28
5	45,518	1	45,518	-10	45,518	-14
6	19,254	-57	32,365	-36	37,006	-30
Total Population	269,075		302,854		317,018	
Average Population per Ward	44,846		50,476		52,836	
Average Deviation from Ward Avg. Population	8,531	19	7,689	15	8,015	15

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

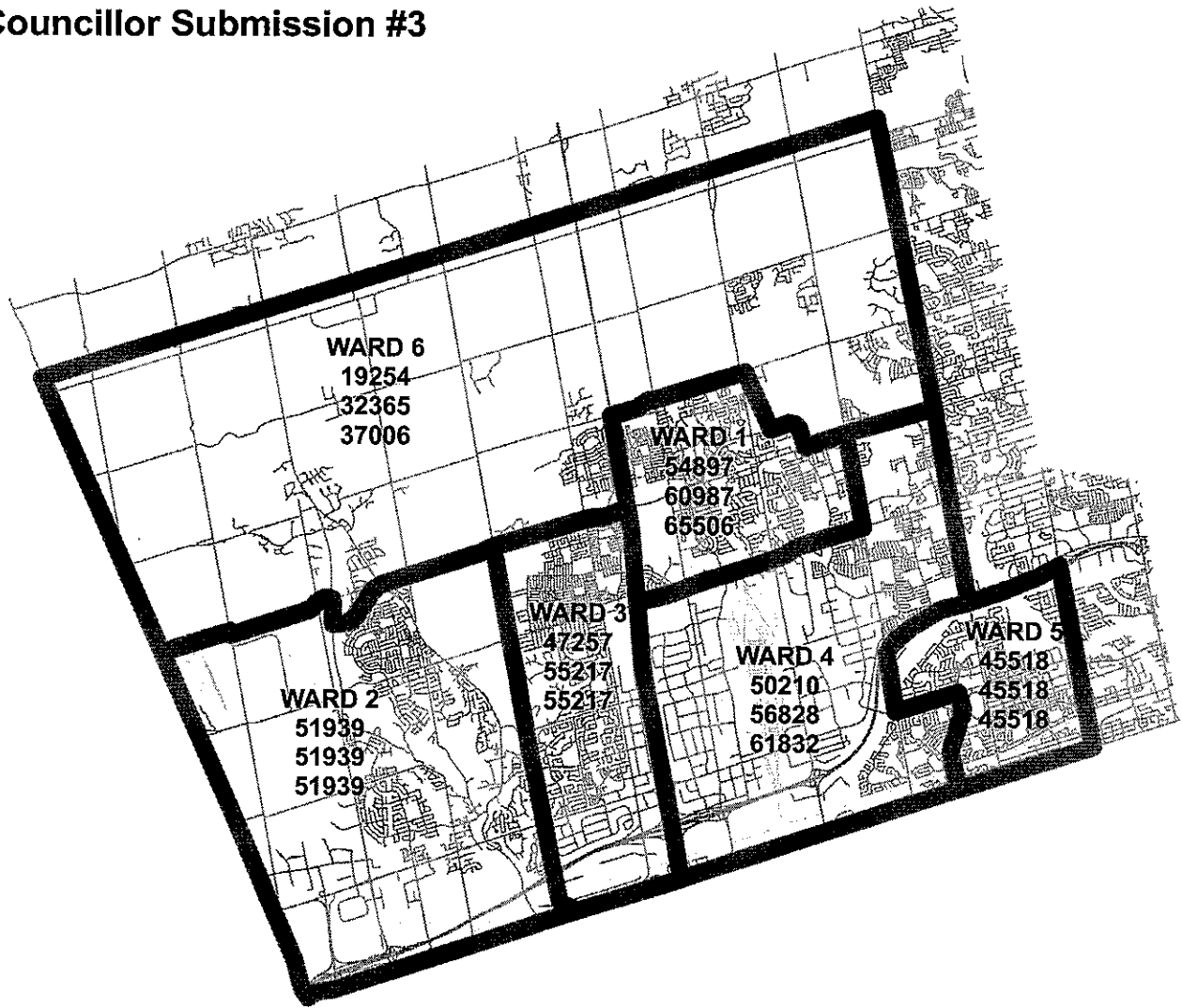
Councillor Submission #2A



	COUNCILLOR OPTION '2A'					
	2010		2014		2018	
Ward	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	52,920	18	56,146	11	59,455	13
2	51,939	16	51,939	3	51,939	-2
3	47,257	5	55,217	9	55,217	5
4	47,325	6	51,940	3	53,150	1
5	45,518	1	45,518	-10	45,518	-14
6	24,116	-46	42,094	-17	51,739	-2
Total Population	269,075		302,854		317,018	
Average Population per Ward	44,846		50,476		52,836	
Average Deviation from Ward Avg. Population	6,910	15	4,446	9	3,104	6

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

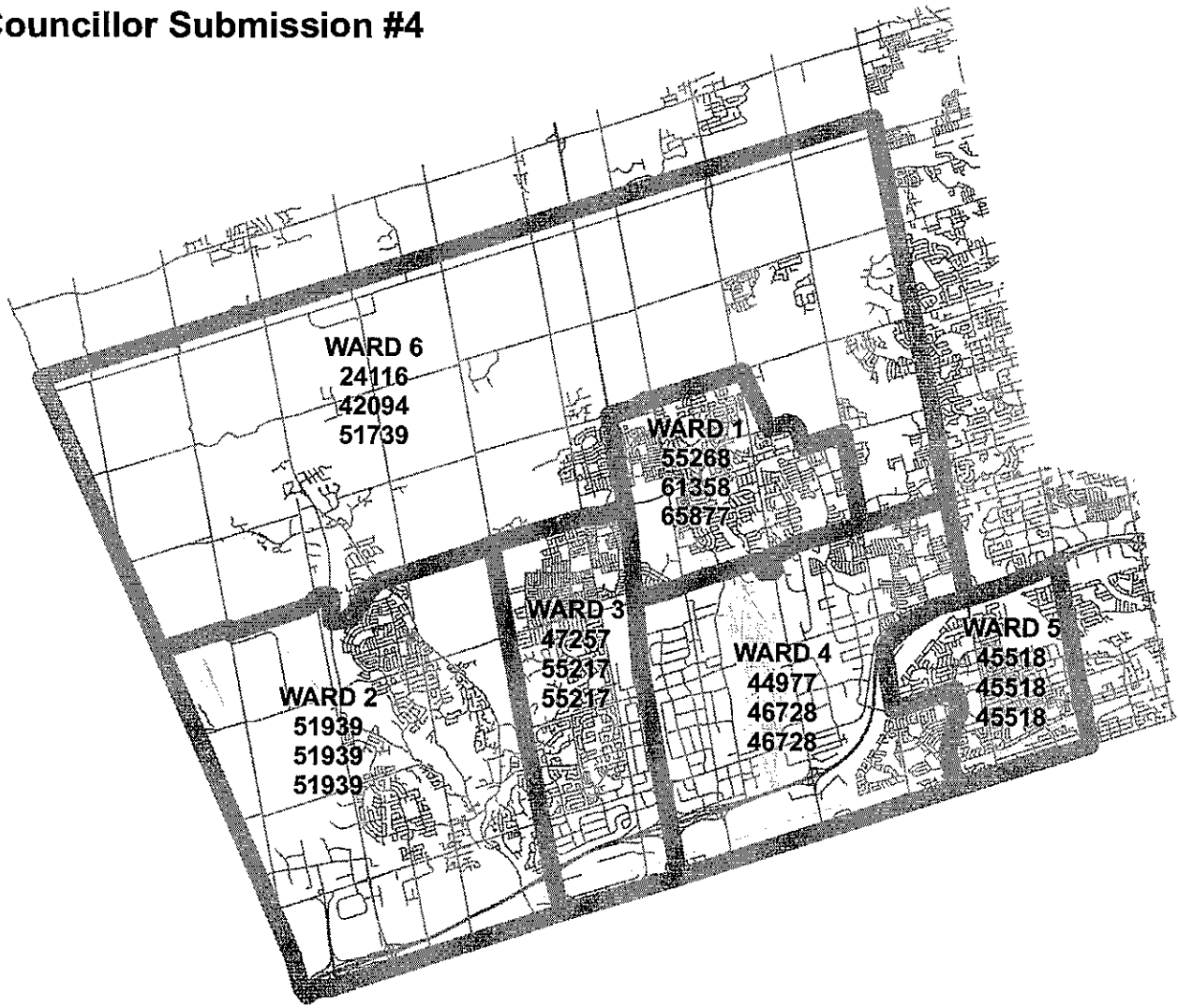
Councillor Submission #3



	COUNCILLOR OPTION '3'					
	2010		2014		2018	
Ward	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	54,897	22	60,987	21	65,506	24
2	51,939	16	51,939	3	51,939	-2
3	47,257	5	55,217	9	55,217	5
4	50,210	12	56,828	13	61,832	17
5	45,518	1	45,518	-10	45,518	-14
6	19,254	-57	32,365	-36	37,006	-30
Total Population	269,075		302,854		317,018	
Average Population per Ward	44,846		50,476		52,836	
Average Deviation from Ward Avg. Population	8,531	19	7,689	15	8,015	15

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

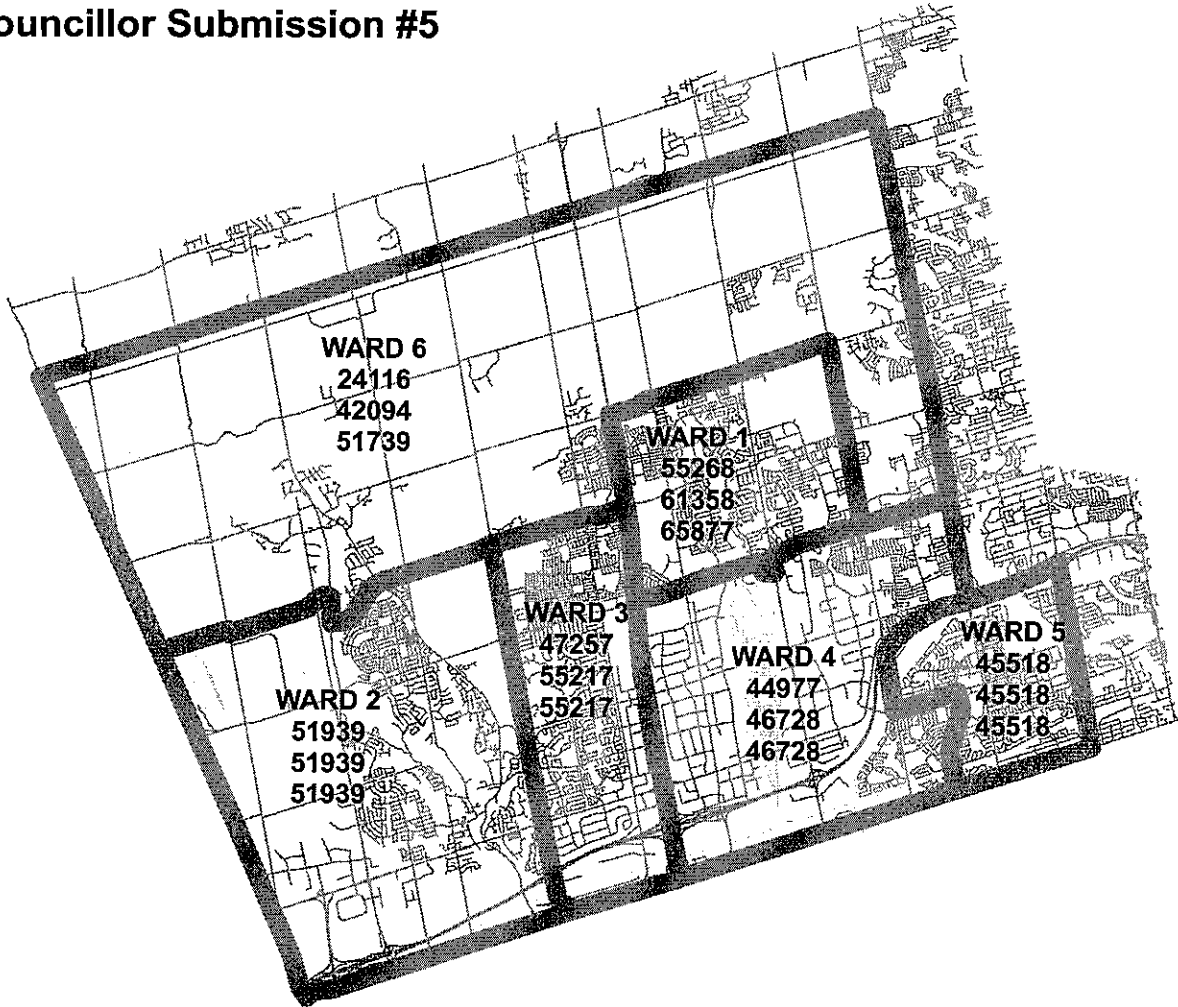
Councillor Submission #4



	COUNCILLOR OPTION 4'					
	2010		2014		2018	
Ward Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	
1	55,268	23	61,358	22	65,877	25
2	51,939	16	51,939	3	51,939	-2
3	47,257	5	55,217	9	55,217	5
4	44,977	0	46,728	-7	46,728	-12
5	45,518	1	45,518	-10	45,518	-14
6	24,116	-46	42,094	-17	51,739	-2
Total Population	269,075		302,854		317,018	
Average Population per Ward	44,846		50,476		52,836	
Average Deviation from Ward Avg. Population	6,910	15	5,696	11	5,140	10

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

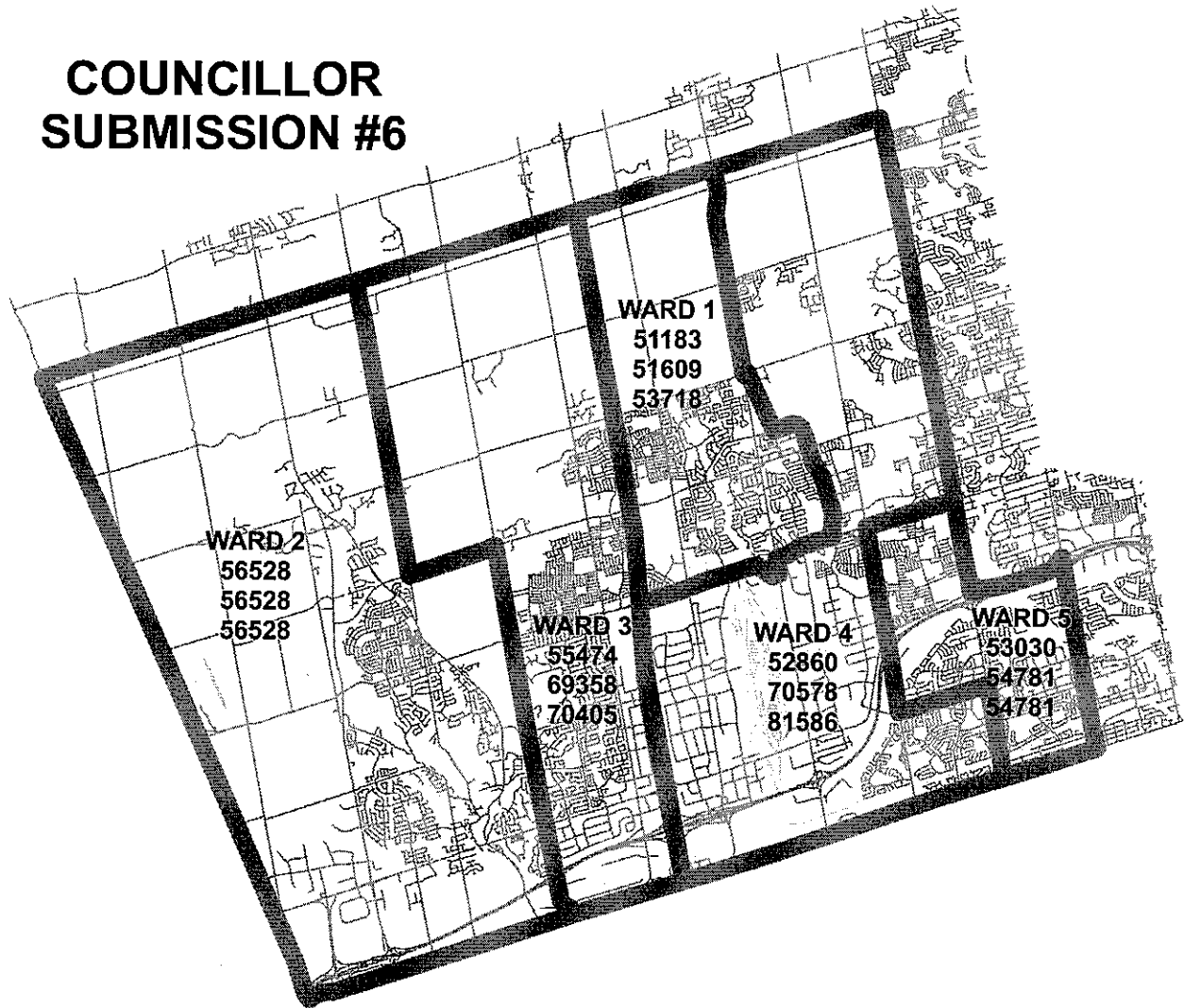
Councillor Submission #5



	COUNCILLOR OPTION 5'					
	2010		2014		2018	
Ward	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	55,268	23	61,358	22	65,877	25
2	51,939	16	51,939	3	51,939	-2
3	47,257	5	55,217	9	55,217	5
4	44,977	0	46,728	-7	46,728	-12
5	45,518	1	45,518	-10	45,518	-14
6	24,116	-46	42,094	-17	51,739	-2
Total Population	269,075		302,854		317,018	
Average Population per Ward	44,846		50,476		52,836	
Average Deviation from Ward Avg. Population	6,910	15	5,696	11	5,140	10

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

COUNCILLOR SUBMISSION #6



	COUNCILLOR OPTION 6'					
	2010		2014		2018	
Ward	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	51,183	-5	51,609	-15	53,718	-15
2	56,528	5	56,528	-7	56,528	-11
3	55,474	3	69,358	15	70,405	11
4	52,860	-2	70,578	17	81,586	29
5	53,030	-1	54,781	-10	54,781	-14
Total Population	269,075		302,854		317,018	
Average Population per Ward	53,815		60,571		63,404	
Average Deviation from Ward Avg. Population	1,749	3	7,518	12	10,074	16

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

Comments from the Ward Boundary Review Public Meeting of March 9, 2009

5 Ward "A"

- No #400 is divider
- Not an even distribution of population
- Again unfair to Maple residents and reduced level of service
- Ward 1 too populous

5 Ward "B"

- Follows historical community boundaries
- 400/407 natural physical dividers
- Best equalization/population represented by #'s
- Save \$\$\$ ^^ \$25 OK
- On par with Mississauga + Hazel
- Cohesion in Thornhill boundary/community
- Bring back the hot and mild Woodbridge
- Follows intensification /development over time
- Even though there isn't much of an even distribution for 2010, etc.by 2018 you almost accomplish some means of even distribution of population throughout the wards
- Fair alternative to current 5 ward

5 Ward "C"

- * will hate this...better call him
- Inequitable distribution of residents per representative
- Ward 5 is too populous
- Ward 5 should not include Thornhill Woods
- Best of 3 choices geographically
- Not an even distribution of population

6 Ward "A"

- Best of the 6 ward options
- Like one quasi-rural ward
- Poor distribution of residents per ward

6 Ward "B"

- Don't like Glen Shields area as an isolated unit
- Best suited for Maple residents – fair split
- Ward 4 continue N to Teston through Bathurst & Dufferin

6 Ward "C"

- Distribution not equitable
- Creates Maple versus Woodbridge climate
- Or V = Keele & 7 Yonge & 7 Steeles

Appendix "B"

Councillor Submission #1

- Poor distribution of residents between Ward 6 and others

Councillor Submission #2

- Poor distribution of population – ward 6 too low

Councillor Submission #2A

- #2A is my 1st choice because it represents the best distribution of population
- #'s are best, like Ward 6 being equal, like Maple as Ward 2
- Best for even representation
- No as #400 is divider and divides Maple

Councillor Submission #3

- Poor distribution of population

Councillor Submission #4

- No way for Ward 6

Councillor Submission #5

- No - #400 is divider Yes otherwise
- Good division of Ward
- Why protect Maple?

Councillor Submission #6

- The extension of Ward 4 is ridiculous
- Ward 4 would create animosity trying to meet needs of urban Concord rural Maple
- Better call * (KARA). He spent his life building berms to keep Woodbridge out!!

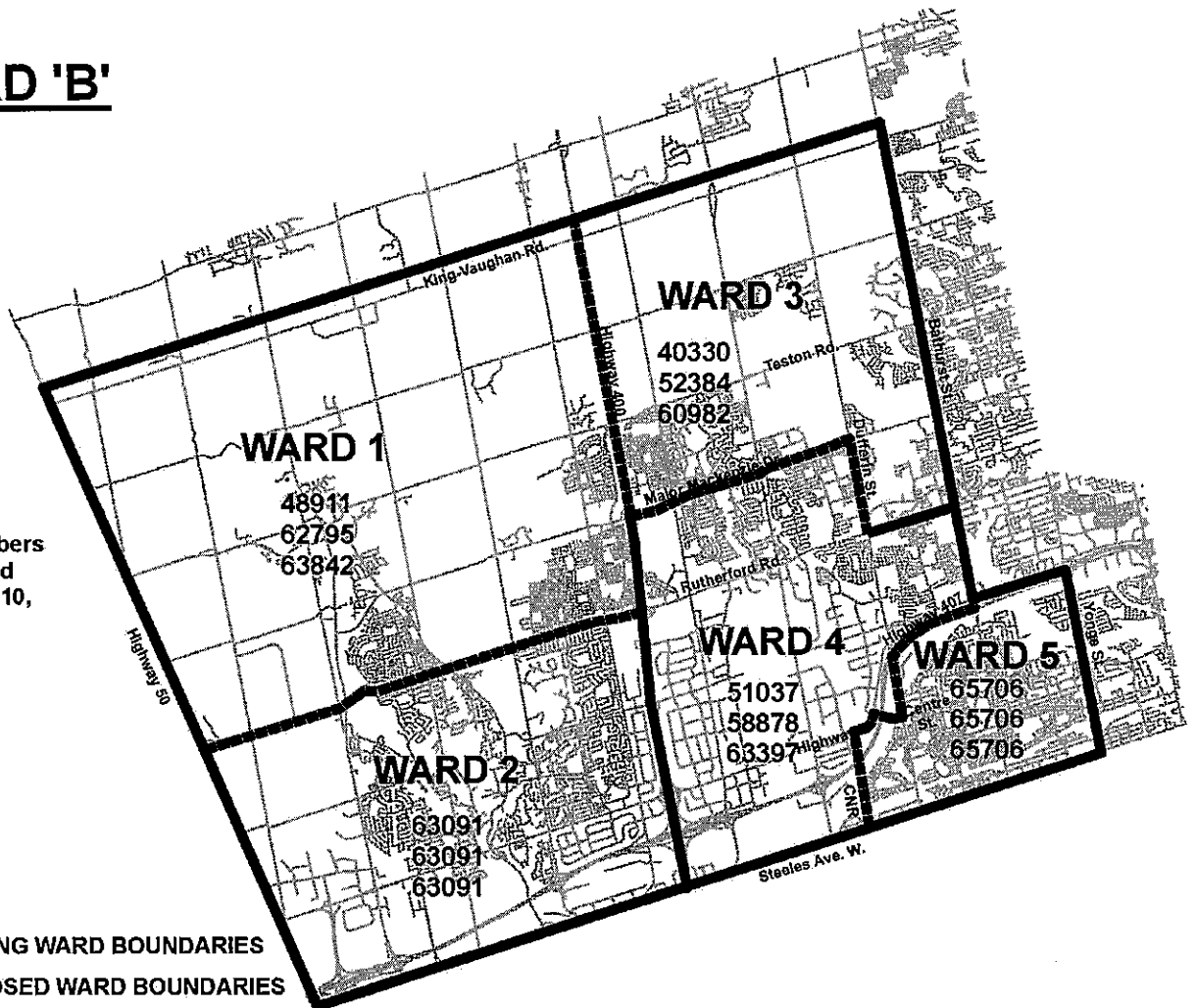
Councillor Submission #7

- Northern extension of Ward 4 is ridiculous
- Do not like the N-S extension of Ward 2 & 3
- Why is this submission not available on the web?
- Again – issues in conflict with needs of Concord versus needs of Maple

* personal information removed

5 WARD 'B'

Population Numbers
Within Each Ward
Projected For 2010,
2014 And 2018
Elections



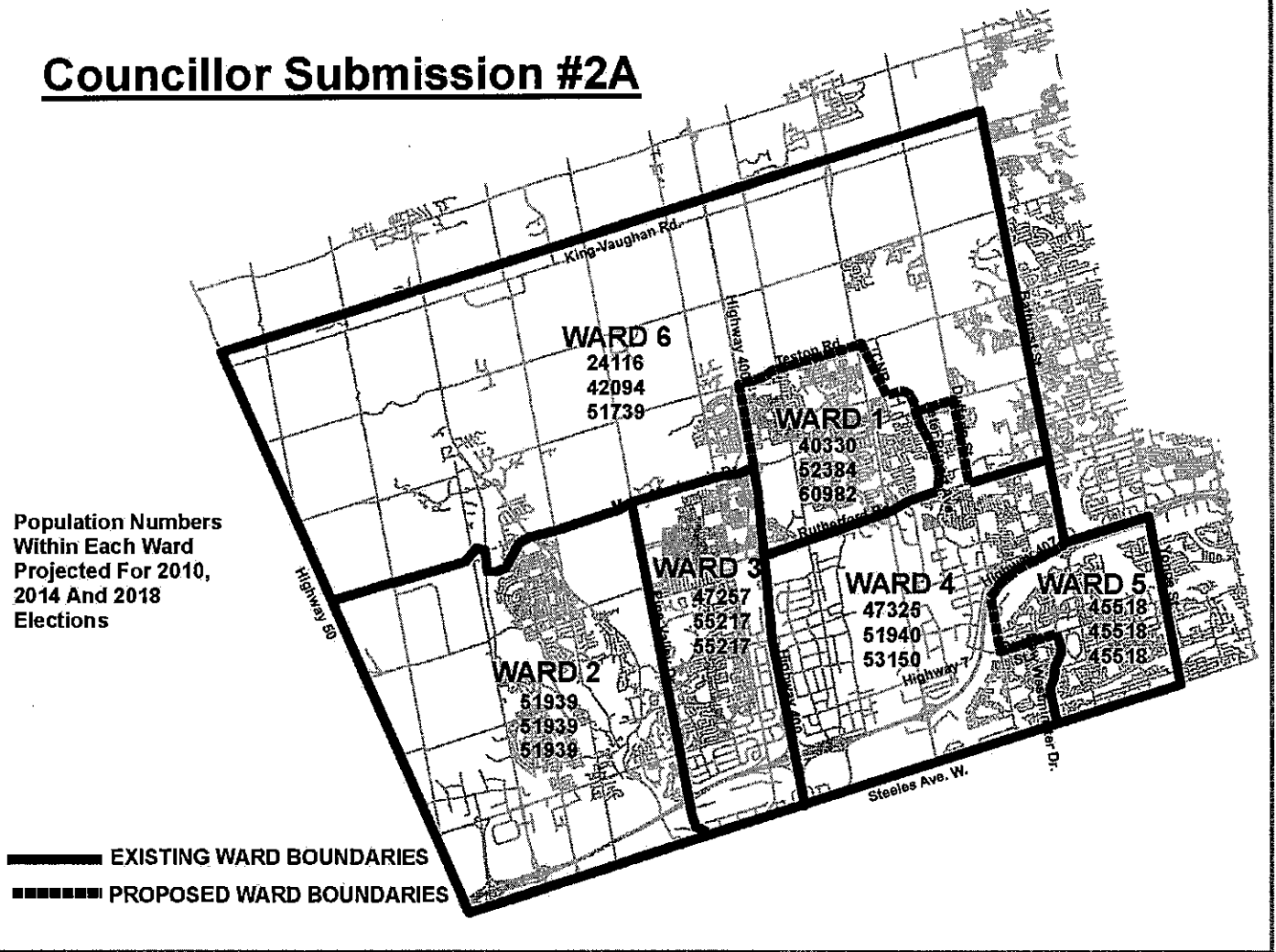
— EXISTING WARD BOUNDARIES
- - - - - PROPOSED WARD BOUNDARIES

	5 WARD - OPTION 'B'					
	2010		2014		2018	
Ward	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	48911	-9	62795	4	63842	1
2	63091	17	63091	4	63091	0
3	40330	-25	52384	-14	60982	-4
4	51037	-5	58878	-3	63397	0
5	65706	22	65706	8	65706	4
Total Population	269075		302854		317018	
Average Population per Ward	53815		60571		63404	
Average Deviation from Ward Avg. Population	8467	16	3952	7	1096	2

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

Councillor Submission #2A

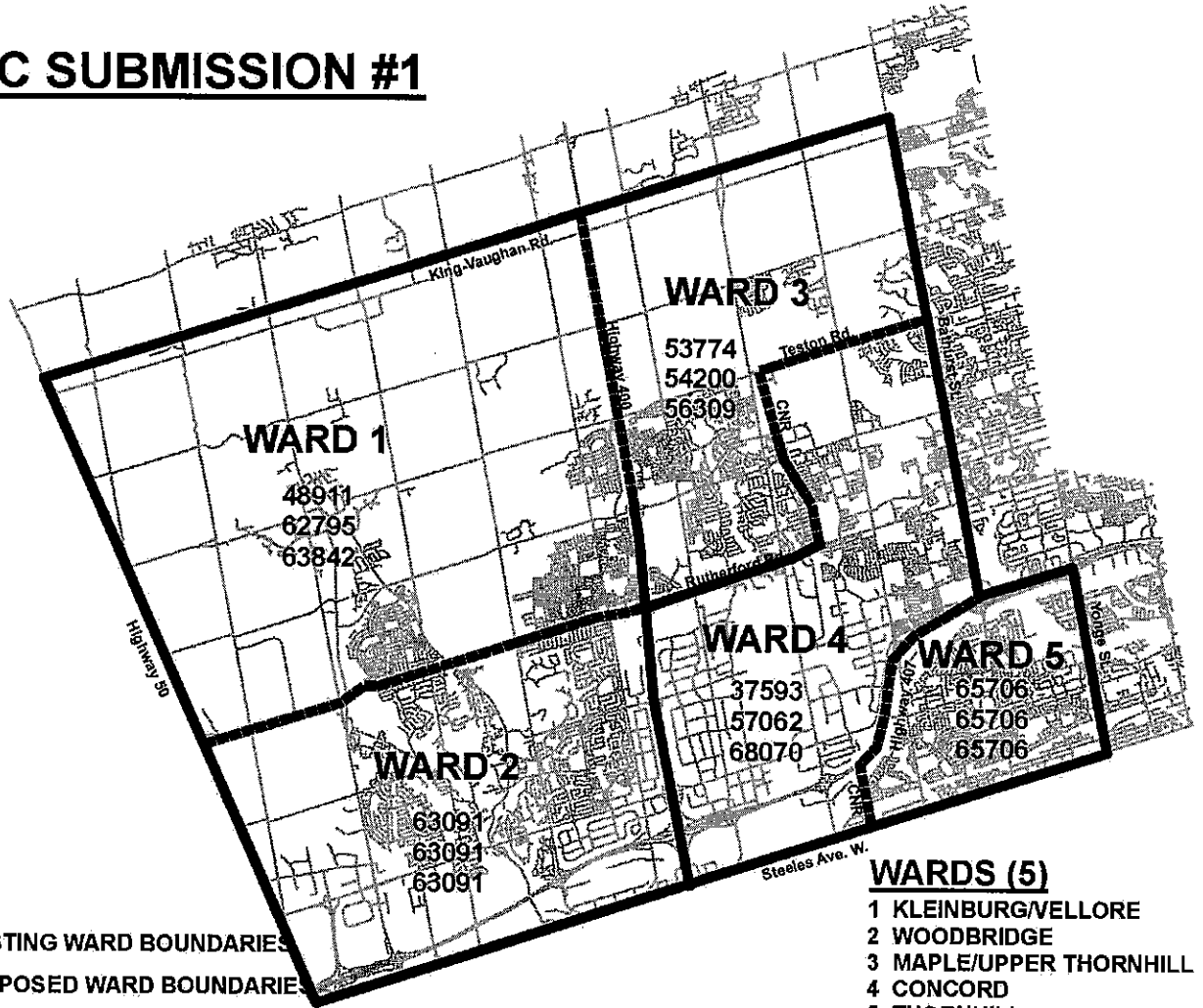
Population Numbers
Within Each Ward
Projected For 2010,
2014 And 2018
Elections



	COUNCILLOR OPTION '2A'					
	2010		2014		2018	
Ward	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	52,920	18	56,146	11	59,455	13
2	51,939	16	51,939	3	51,939	-2
3	47,257	5	55,217	9	55,217	5
4	47,325	6	51,940	3	53,150	1
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Average Population per Ward	44,846		50,476		52,836	
Average Deviation from Ward Avg. Population	6,910	15	4,446	9	3,104	6

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.

PUBLIC SUBMISSION #1



	Public Submission #1					
	2010		2014		2018	
Ward	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)	Population	Variation from Average Ward Population (%)
1	48,911	-9	62,795	4	63,842	1
2	63,091	17	63,091	4	63,091	0
3	53,774	0	54,200	-11	56,309	-11
4	37,593	-30	57,062	-6	68,070	7
5	65,706	22	65,706	8	65,706	4
Total Population	269,075		302,854		317,018	
Average Population per Ward	53,815		60,571		63,404	
Average Deviation from Ward Avg. Population	8,467	16	3,952	7	2,963	5

NOTE: Population projections on map are for the 2010, 2014 and 2018 elections.