

COMMUNICATIONS
REVISED

Distributed June 24, 2011

	Report No.	Item No.	Committee
C1. Ms. Carrie Liddy, dated June 14, 2011.	32	52	Committee of the Whole
C2. Mr. Mark Fazari, dated June 15, 2011.	34	7	Committee of the Whole (Public Hearing)
C3. Mr. Elviro Marsella, dated June 14, 2011.	32	37	Committee of the Whole
C4. Mr. & Mrs. Ehab Rofaiel, dated June 19, 2011.	34	7	Committee of the Whole (Public Hearing)
C5. Mr. John Martino, dated June 15, 2011.	34	7	Committee of the Whole (Public Hearing)
C6. Confidential Memorandum from the Senior Manager of Real Estate, dated June 22, 2011 <i>Members of Council Only</i>	33	2	Committee of the Whole (Closed Session)
C7. Memorandum from the Director of Engineering Services, dated June 23, 2011.	32	10	Committee of the Whole
C8. Memorandum from the Commissioner of Engineering and Public Works, dated June 21, 2011.	32	7	Committee of the Whole
C9. Memorandum from the Commissioner of Engineering and Public Works, dated June 22, 2011.	32	5	Committee of the Whole
C10. Ms. Julie Seeman, Ms. Maria Bonfini and Ms. Silvana Galloro, Concord West Ratepayers Association, dated June 20, 2011.	32	41, 42 43 & 44	Committee of the Whole
C11. Mr. Frank J. Sperduti, Borden Ladner Gervais LLP, dated June 23, 2011.	32	38	Committee of the Whole
C12. Memorandum from the City Clerk, dated June 23, 2011.	14	3	Finance & Administration Committee
C13. Memorandum from the Commissioner of Legal & Administrative Services/City Solicitor, dated June 23, 2011.	32	37	Committee of the Whole
C14. Memorandum from the Commissioner of Planning, dated June 23, 2011	By-Law 121-2011		
C15. Memorandum from the Commissioner of Planning, dated June 23, 2011.	32	51	Committee of the Whole
C16. Confidential Memorandum from the Director of Legal Services, dated June 24, 2011.	32	46	Committee of the Whole
C17. Confidential Memorandum from the Director of Legal Services, dated June 24, 2011.	33	3	Committee of the Whole (Closed Session)

Distributed June 28, 2011

C18. Ms. Maxine Povering, Thornhill Woods Community Association, dated June 27, 2011.	32	10	Committee of the Whole
C19. Ms. Joanne Groer, dated June 27, 2011.	32	10	Committee of the Whole
C20. Mr. Stephen J. D'Agostino, Thomson Rogers, dated June 28, 2011.	32	41, 42 43 & 44	Committee of the Whole

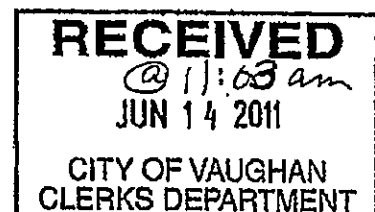
Please note there may be further Communications.

C 1
Item # 52
Report No. 32 CW
COUNCIL - June 28, 2011

**AFFIDAVIT OF CARRIE LIDDY TO COUNCIL REGARDING THE
JUNE 14 2011 COW MEETING REGARDING AMENDING OPA 715**

I, Carrie Liddy , of the City of Vaughan, in the Province of Ontario, MAKE
OATH AND SAY:

1. I am a taxpayer and resident of the City of Vaughan. In this capacity I swear this affidavit.
2. I swear this affidavit solely to provide a written deputation to Vaughan Council.
3. I swear this affidavit as my personal opinion and under my understanding of the statutes that support residents of Vaughan and protect their tax dollars.
4. I swear this affidavit for the purposes of formally filing an objection to the planned amendment of the OPA 715 with regards to a change in use of the taxes approved solely as a hospital surcharge reported to be for the purchase of hospital lands.
5. I swear this affidavit specifically with regards to the reasonably possible contravention of the Municipal Act, the Ontario Hospitals Act, the Planning Act and any other statutes that may arise through the subsequent and current filing of this affidavit that the city council's actions in approving this resolution of council may represent.



6. The intended use of this affidavit is to file an objection with the OMB and therefore has been formally submitted as a written deputation to Vaughan Council with regards to the June 14 Committee of the Whole meeting .

7. On or around June 2009 City of Vaughan council passed a resolution to purchase a parcel of land to build a hospital. The details of the land purchase were purposefully not disclosed at the May 21 2009 public meeting and eventually passed in a closed session of council under the auspices of an allowable closed meeting exemption of "purchase of land".

8. During the public meeting the city officials and other officials representing a previously sanctioned (under other names) City based "trust fund administrator" and now one of a series of private corporations, charitable foundation, not for profit, etc. known as the Vaughan Health Campus of Care stated the details would be released upon successful purchase of the land.

9. To date, the details have not been released. The public has no way of knowing the criteria of the alternative parcels under investigation, and no way of knowing if value for money was received. What is now at issue is the June 14 2011 resolution of council , approximately two years after the surtax charge was applied for the purchase of the hospital lands, effectively parcels more than half of the hospital land for something else.

10. During the meeting a hospital surtax of \$80 million was passed specifically to be used as a local contribution to the hospital, in advance of the budget, or

even a hospital being approved, and is and was in addition to the regional surtax already designated for this same purpose.

11. During this meeting and immediately preceding the COW meeting, it was stated that the large parcel of land was required as per the Minister of Health's requirements for a hospital. One of the criteria for the purchase of the land was the size.

12. Subsequent to the approval of the \$80 million hospital surtax, an agreement called the "Contribution Agreement" was reached between City of Vaughan staff and the VHCC that dealt with control and use of the land. This agreement was not made public and was not discussed in public before it was signed.

13. The "Contribution Agreement" contains the details of the 22 acres of surplus lands alluded to in the June 14 resolution. The 22 acres has not been declared surplus, as the agreement specifies, nor has the province approved a hospital nor has the City or the VHCC released the basis of the original purchase of land, the other parcels reviewed nor any of the details of the selection committee findings.

14. I intend on including the "Contribution Agreement" itself as part of my objections I am intending on filing with the OMB, as it may not constitute a valid agreement under the Hospital Act and Municipal Act. One of the grounds I intend on objecting on is: the City does not have the authority to enter into an agreement with a third party for the purposes of building a hospital and does not

have the unilateral authority to change the use of a parcel of land specifically purchased through a hospital surtax after a specific resolution has been passed.

15. There may be conflicts of interests that I may include in my filing with the OMB and other bodies as required.

16. Additionally, another basis for an objection, is the matter that both before and during the public meeting where council passed the hospital surtax of \$80 million, the entire sum of money was represented to be for the community portion for a hospital. At all times, during the public meeting, the entire parcel of land purchased using the \$80 million was represented to have been purchased for a hospital. The objection is the hospital surtax is now being diverted to something else, and yet we have no hospital approved or built and certainly have no funding provided for a hospital.

17. In Canada, and under the constitution, all health care needs are under the jurisdiction of the province. The province has allowed municipalities the authority to levy taxes for hospitals. In this case, the City of Vaughan applied a surtax of \$80 million for the purpose of purchasing land for a hospital.

18. Another objection will be that under the Ontario Hospital Act only the Minister of Health can designate a parcel of land for the purposes of building a hospital. To date, the Minister has not approved the land purchased by Vaughan.

19. To date the province has designated York Central Hospital to build the hospital in Vaughan. The provincial planning process has not yet confirmed the size of the land required, nor has YCH received final approval to build a hospital nor received the funds to build a hospital .

20. My objective is to raise these and other objections with the OMB and all other jurisdictions of authority should Council approve this resolution and under the several statutes that protect taxpayer money and provide for the funding of a hospital properly by the province. This affidavit is the formal notification to Council of my intent.

21. Specifically, and included in my objections is my belief that the city has no authority to first pass a resolution approving a hospital surtax for the purchase of a parcel of land to build a hospital and second then change the use of the land for "something else" that has been ill-defined as "hospital related uses". Of note, is the lack of authority of both the municipal and federal levels of governments to build hospitals and all health care related matters come clearly under the province, as outlined in the Canadian Constitution .

22. The tape of the public meeting of May 21, 2009 provided to me by the City of Vaughan when the tax surcharge was passed, failed to mention any other uses of the money. I have other tapes and documents that confirm this and other issues I will be objecting to. The resolution of council does not mention any other uses of the \$80 million surtax other than to build a hospital. I encourage Council to listen to the tape before entering into a costly battle using taxpayer money for

a time consuming, lengthy and litigious process when common sense should prevail.

23. Based on the above, and as will finally be decided by the courts, and other jurisdictions should the council pass this resolution, the city has a requirement to provide the entire parcel of land to YCH, once the Minister of Health has approved the building of a hospital. Land, I note, was purchased through a hospital surtax solely authorized for the purchase of a hospital. Once the hospital is approved by the province and after the requirements of the hospital are known, and after YCH is given the money to build a hospital in Vaughan, the hospital can decide what to do with any land that is surplus and obtain the necessary legal approvals to do so.

Subject: EWCA Misrepresentation at Council Meeting 6/14/2011 - RE:Z.06.005

<p>C 2 Item # 7 Report No. 34 CW(PH) COUNCIL - June 28, 2011</p>
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ITEM 7, REPORT NO. 34 CW(PH)

From: MARK FAZARI [mailto:markfazari@rogers.com]
Sent: Wednesday, June 15, 2011 11:13 AM
To: carlodefrancesca@ewca.ca; Bevilacqua, Maurizio; Rosati, Gino; Di Biase, Michael; Schulte, Deb; DeFrancesca, Rosanna; Clerks@vaughan.ca
Cc: Leo.Verrilli@dpsg.com; Mark Fazari; Daniela Fazari.
Subject: EWCA Misrepresentation at Council Meeting 6/14/2011 - RE:Z.06.005

I was very disappointed last night to hear the deputation of representatives of the East Woodbridge Community Association (EWCA) endorsing and supporting the proposed plan and application by Royal Pine Homes - **OFFICIAL PLAN AMENDMENT FILE OP.06.002**
ZONING BY-LAW AMENDMENT FILE Z.06.005.

As mentioned in my deputation last night, I had the opportunity in recent weeks to talk to many residents within the boundaries of Via Campanile - west to Pine Valley Dr, Davos - north to Via Teodoro. This area is directly south of the proposed site of development, and one of the areas that would be directly affected. I was not surprised to learn that none of the residents I spoke to were in favour of the application. However, given this information, and the endorsement from members of the EWCA, I would have to assume that residents in the area listed above were not contacted by the EWCA to provide opinion.

I invite members of the EWCA to set up a community meeting with residents within its boundaries, specifically those in the area listed above who are directly affected by the proposed plan, and include members of council to truly gauge the opinions of residents. Only after this can an opinion be provided to council by the EWCA representing the residents in the area

Regardless of the outcome of this proposal, Council should be provided with proper information that is representative of the residents affected.

Thank you
Mark Fazari

6/16/2011

Subject: Councillor Carella's Resolution

C <u>3</u>
Item # <u>37</u>
Report No. <u>32 CW</u>
<u>COUNCIL - June 28, 2011</u>

ITEM 37

From: elviro_marsella@hsbc.ca [mailto:elviro_marsella@hsbc.ca]
Sent: Tuesday, June 14, 2011 10:24 AM
To: Cardile, Lucy
Cc: r.marsella@rogers.com; n.guest@rogers.com; apasquarell@pizzapizza.ca
Subject: Councillor Carella's Resolution

Lucy,

Thank you for the attached memo advising us of Councillor Carella's resolution with respect to Construction Bins on Residential Properties which I understand is to be discussed at the Committee of the Whole Meeting on June 14th. Please forward this memo to Councillor Carella, the Mayor, and any other elected representative or city official who has any interest in maintaining the reputation and integrity of the City of Vaughan as it pertains to property standards.

This letter represents the cumulative frustration and anger of all the homeowners in the immediate vicinity of 110 Calgary Gardens where a large construction bin has taken up permanent residency for the past 3 years with breaks of 3-4 months at a time. The current bin has been on site since Sept. 2010 - through the lovely winter and now into spring - and has been removed and replaced numerous times.

The owner of this residence has within the very recent past been investigated by the Police, Health and Safety officials, The Fire Department, The Regional Conservation Authority (animal control), Public Works (illegal curb cutting) and Bylaw enforcement officers (substantial garbage, oil drums etc. accumulating in the rear of property). His file I am sure is quite detailed and lengthy - yet now he is also allowed to keep his very own large construction bin on his driveway with no construction taking place.

The bin basically represents this individual's private garbage bin with household and backyard waste being deposited and left for weeks at a time. There is absolutely no construction activity to warrant the bin. While the rest of Vaughan's homeowners are limited to the 3 bag biweekly guidelines on garbage, this individual has created his own landfill and circumvented any and all rules that apply to the rest of us. There are cats, racoons and mice happily living in and about this bin (not to mention the smell) and no one in the City of Vaughan can supposedly do anything about this. We as a community are quite frankly astounded that this has been allowed to continue unabated for such a long period of time despite the numerous calls to the city. We are outraged.

We ask that immediate action be taken against this individual as we are not prepared to go through the summer with this monstrosity on the street.

Property standards bylaws are meant to be enforced. Do it.

We cannot wait until October 31 for this bylaw. Something must be done now.

On behalf of the community on Calgary Gardens we ask that our elected officials do what they were elected to do - govern the city.

We need immediate action now!!!!

Elviro Marsella

6/16/2011

Subject: EWCA Misrepresentation at Council Meeting 6/14/2011 - RE:Z.06.005
Importance: High

C <u>4</u>
Item # <u>7</u>
Report No. <u>34 CW(PH)</u>
<u>COUNCIL - June 28, 2011</u>

From: The Rofaels [mailto:rofael@hotmail.com]
Sent: Sunday, June 19, 2011 07:29 PM
To: Bevilacqua, Maurizio
Cc: leo.verrilli@dpsg.com <leo.verrilli@dpsg.com>; Chiarelli, Joseph; DeFrancesca, Rosanna; Fernandes, Sybil; Schulte, Deb; Clerks@vaughan.ca; carlodefrancesca@ewca.ca <carlodefrancesca@ewca.ca>; Rosati, Gino; Abrams, Jeffrey; Di Biase, Michael; markfazarl@rogers.com <markfazarl@rogers.com>; Fabio Grosso <fgrosso@yahoo.com>
Subject: RE: EWCA Misrepresentation at Council Meeting 6/14/2011 - RE:Z.06.005

Dear Mr. Maurizio,

We, the residents at 226 Via Teodoro, Mr. & Mrs. Rofaël, would like to communicate our extreme discontent and abject protest against the application to redesignate the land on Pine valley Drive (immediately south of Major Mackenzie) from valley lots to high-density residential-commercial, and to rezone rural residential and agricultural zone to R2 Apartment residential.

As a result of emergency family circumstances we were unable to attend the Public Hearing Meeting on June 14th, but we would like to formally add our voice to our neighbours' objections to this plan.

We have lived in this beautiful, quiet location for the past year, and prior to that, we've looked far and wide to find this 'piece of heaven' for our young family to grow – not to mention the premium we've had to pay to afford the quiet bliss this little nook provides. It is inconceivable to us that the city is entertaining plans to alter the status quo, disregarding the investment and family planning that residents have put in when choosing to move into this neighbourhood.

Pine Valley Drive is one of the last few roadways in Woodbridge conserving the city's rural charm and conservationist spirit. It is an icon of Vaughan's small share of Toronto's west end Green Belt. To redesignate and rezone this land for high-density developments is simply disparaging the multi-fold value of a quiet, less densely populated street across from conservation land. The proposed project does not only affect the neighbouring residents with high traffic and noise pollution, but it is the quintessential stamp of urban sprawl, and all of the inevitable disadvantages for both people and nature. Moreover, unfortunately, it sets a precedent for builders in the future.

There are many land options around the neighbourhood that would lend themselves nicely to such a high-density development, why spoil the charm of Pine Valley Drive and the allure of the Kortright Centre area?

Firstly, we would like to voice our staunch objection to this plan as residents of this neighbourhood and would

6/20/2011

respectfully request that council reconsider.

Secondly, and most importantly, we would like to know that our counsellor is voicing the residents' opinion, and we must receive a formal response from the city regarding our concerns.

We have copied all city officials involved, and we are looking forward to hearing from you.

Sincerely,

Ehab and Shereen Rofaief

226 Via Teodoro Drive

Woodbridge, L4H 0X6

(416) 302-5562

Subject: Fw: EWCA Misrepresentation at Council Meeting 6/14/2011 - RE:Z.06.005
To: rofaief@hotmail.com
From: markfazari@rogers.com
Date: Sun, 19 Jun 2011 22:19:00 +0000

Sent from my BlackBerry device on the Rogers Wireless Network

From: MARK FAZARI <markfazari@rogers.com>
Date: Wed, 15 Jun 2011 08:13:09 -0700 (PDT)
To: <carlodefrancesca@ewca.ca>; <maurizio.bevilacqua@vaughan.ca>; <gino.rosati@vaughan.ca>; <michael.dibiase@vaughan.ca>; <deb.schulte@vaughan.ca>; <Rosanna.DeFrancesca@vaughan.ca>; <clerks@vaughan.ca>
Cc: <Leo.Verrill@dpsg.com>; Mark Fazari<markfazari@rogers.com>; Daniela Fazari.<danielafazari@rogers.com>
Subject: EWCA Misrepresentation at Council Meeting 6/14/2011 - RE:Z.06.005

I was very disappointed last night to hear the deputation of representatives of the East Woodbridge Community Association (EWCA) endorsing and supporting the proposed plan and application by Royal Pine Homes - **OFFICIAL PLAN AMENDMENT FILE OP.06.002**
ZONING BY-LAW AMENDMENT FILE Z.06.005.

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6/20/2011

I invite members of the EWCA to set up a community meeting with residents within its boundaries, specifically those in the area listed above who are directly affected by the proposed plan, and include members of council to truly gauge the opinions of residents. Only after this can an opinion be provided to council by the EWCA representing the residents in the area

Regardless of the outcome of this proposal, Council should be provided with proper information that is representative of the residents affected.

Thank you
Mark Fazarl

Subject: Royal Pines Home

c 5
Item # 7
Report No. 34 CW(PH)
COUNCIL - June 28, 2011

From: John Martino [mailto:bramptonfarm@yahoo.com]
Sent: Wednesday, June 15, 2011 9:53 PM
To: DevelopmentPlanning@vaughan.ca
Subject: Royal Pines Home

Royal Pines Home wants to change land designated Estate Residential to High Density residential- Commercial. I don't agree for the reason for changing to high density residential- commercial. How the city Vaughn wants to mix the community & quality & destroy the area. I live in Vaughn & very strongly disagree & rejected the proposal of Royal Pines plan.

John Martino

6/20/2011

DATE: June 23, 2011
TO: Mayor and Members of Council
RE: COUNCIL MEETING – June 28, 2011
SCHOOL CROSSING GUARD
ANNUAL LOCATION REVIEW

C 7
Item # 10
Report No. 32 CW
COUNCIL – June 28, 2011

Recommendation

The Director of Engineering Services in consultation with the Director of Human Resources recommends:

That the following 11 existing school crossing guard locations be removed as the school crossing guard criteria is not met.

- Blessed Trinity Catholic Elementary School – Melville Avenue and Springside Road (east side)
- Maple Creek Public School – Melville Avenue and Avro Road (north side)
- St. David Catholic Elementary School – Killian Road and Brice Road (east side)
- Elder's Mills Public School – Forest Fountain Drive and Buena Vista Drive/Noble Prince Place (north side)
- St. Clement Catholic Elementary School – Martin Grove Road and Forest Drive (south side)
- St. Peter Catholic Elementary School – Martin Grove Road and Andrew Park Drive/Auburn Drive (north side)
- Discovery Public School – Discovery Trail and Equator Crescent (south side)
- St. John Bosco Catholic Elementary School – Belview Avenue and Stan Gate (east side)
- Thornhill Woods Public School – Autumn Hill Boulevard (east side)
- Holy Family Catholic Elementary School – New Westminster Drive and Mullen Drive/Joseph Aaron Boulevard (south side)
- Thornhill Public School – Spring Gate Boulevard and Springfield Way (south side)

Contribution to Sustainability

The implementation of crossing guards assists children to cross a City roadway in a safe manner and minimize potential vehicle/pedestrian conflicts. The City's School Crossing Guard Policy and Procedure assists staff to ensure the most appropriate location is identified and the guard is at a location where needed.

Economic Impact

The cost to remove a crossing guard that does not meet the crossing guard criteria would be an initial savings reduction in the annual Operating Budgets of \$9,000. The crossing guard signs and posts could be re-used at a later date.

Based on the findings of the crossing guard studies during the weeks of June 6 and 13, the cost reduction to the annual Operating Budget is \$99,000. However, in December 2010, Council approved the implementation of 4 new crossing guards. These guards will be redeployed from the 11 that are recommended for removal. In addition, Council is considering changes to the School Crossing Guard

Policy and Procedure, such that additional guards may be approved. The additional guards would also be redeployed from the 11 guards that are recommended for removal.

The overall economic impact will be \$63,000 annually, which may be further reduced based on the impact of Council's decisions and approval of Item 4 from the Committee of the Whole (Working Session) held on June 21, 2011.

Communications Plan

The Principals at each of the schools, and the associated School Board Trustee, impacted by the potential removal of the crossing guard were notified and provided the opportunity to participate in the June study.

The extract related to this report will be provided to both the York Region District School Board and the York Region Catholic School Board. Staff will notify each of the Principals to advise of any changes to the crossing guard location(s) near their school.

Engineering Services staff will also notify each of the school Principals to advise them of the 4 crossing guard locations that were previously approved. The anticipated start date for these guards will be the start of the new school year in September 2011.

Purpose

To provide the results of the recent review of crossing guard locations in accordance with the School Crossing Guard Policy and Procedure. There were 12 locations that did not meet the crossing guard criteria of 50 crossings in May 2011. These crossing guard locations were reviewed again in June 2011 to determine if they met the criteria. 11 of the 12 locations did not meet the crossing guard criteria.

Background - Analysis and Options

At its meeting on June 27, 2005 Council approved:

"That an annual program be established to conduct a review of 25 pre-selected school crossing guard locations in the field to determine the appropriateness of the crossing location for the subsequent school year."

The current annualized cost of one crossing guard is approximately \$9,000. There are presently 92 guards approved within the budget complement for the School Crossing Guards Program in 2011.

Engineering Services staff have undertaken reviews of the school crossing guard locations that may potentially be relocated/eliminated and/or the opportunity to cross more than one leg of an intersection. Schools were surveyed during the morning and afternoon arrival/departure times. Where possible, crossing studies were undertaken during normal weather conditions (i.e., surveys were not undertaken during heavy rain and snowfall days). In addition, staff attempted to survey schools on Tuesdays, Wednesdays or Thursdays, and accounted for specific holidays.

During the investigations, staff observed and recorded the following details:

- Number of students using the crossing;
- Vehicular operations including parent drop off/pick-up activities;
- Crossing guard activities; and
- Type of traffic control, where applicable.

Staff conducted a pedestrian study at each of the previously identified 12 crossing guard locations and the results are summarized in a table in Attachment No. 1.

Review of the 12 Crossing Guard Locations

A brief summary is provided from the pedestrian studies:

1. There were no issues identified with the use of the guard and/or vehicle/pedestrian conflicts noted.
2. As shown in the accompanying table (Attachment No. 1) and listed below are the 12 schools where the number of recorded crossings did not meet the minimum criteria of 50 crossings during the school time periods, in the reviews conducted in 2010 and May 2011.
 - Blessed Trinity Catholic Elementary School (Melville Ave and Springside Rd, east side)
 - Maple Creek Public School (Melville Ave and Avro Rd, north side)
 - St. David Catholic Elementary School (Killian Rd and Brice Rd, east side)
 - Eider's Mills Public School (Forest Fountain Dr and Buena Vista Dr/Noble Prince Pl, north side)
 - St. Clement Catholic Elementary School (Martin Grove Rd and Forest Dr, south side)
 - St. Peter Catholic Elementary School (Martin Grove Rd and Andrew Park Dr/Auburn Dr, north side)
 - Discovery Public School (Discovery Trail and Equator Cres, south side)
 - St. Agnes of Assisi Catholic Elementary School (Fossil Hill Rd and La Rocca Ave, south side)
 - St. John Bosco Catholic Elementary School (Belview Ave and Stan Gate, east side)
 - Thornhill Woods Public School (Thornhill Woods Dr and Autumn Hill Blvd, east side)
 - Holy Family Catholic Elementary School (New Westminster Dr and Autumn Hill Blvd, east side)
 - Thornhill Public School (Spring Gate Blvd and Springfield Way, south side)

Engineering Services staff carried out crossing guard studies during the weeks of June 6 and 13 at these 12 schools. The Principal at each of the schools, and the associated School Board Trustee, were advised. The study results indicate that 11 of the 12 locations do not meet the minimum criteria of 50 crossings during the school time periods. The location for St. Agnes of Assisi Catholic Elementary School did meet the criteria requirements having recorded 59 crossings during the most recent study.

At the December 14, 2010 Council meeting, there were four new school crossing guards approved at the following locations:

- Ahmadiyya Avenue and Bashir Street, east side
- Highmark Drive and Summit Drive, east side
- Avro Road and Hawker Road, west side
- Hawker Road and Sylwood Crescent/Villandry Crescent (south leg), west side

The most recent results of the 12 locations indicate that 11 crossing guard locations do not meet the crossing guard criteria. There is the opportunity to redeploy 4 guards to these locations noted above that were previously approved.

Relationship to Vaughan Vision 2020/Strategic Plan

In consideration of the strategic priorities related to Vaughan Vision 2020, the recommendations of this report will assist in:

- Pursue Excellence in Service Delivery;
- Enhance and Ensure Community Safety, Health & Wellness; and
- Lead and Promote Environmental Sustainability

This report is consistent with the priorities previously set by Council.

Regional Implications

Not Applicable.

Conclusion

Engineering Services staff identified 12 crossing guard locations in May 2011 that did not meet the minimum crossing guard criteria requirements. A review of these 12 locations was undertaken again in June 2011. The results indicate that 11 of the 12 locations did not meet the minimum crossing guard criteria requirements. These crossing guard locations are recommended to be removed as the criteria is not met, and where applicable, to be redeployed to meet other needs within the City.

Attachments

1. City of Vaughan 2010/11 Crossing Guard Review Comparison

Respectfully submitted,



Jack Graziosi
Director of Engineering Services

MD:mm

ATTACHMENT NO. 1

City of Vaughan 2010/2011 Crossing Guard Review Comparison					
School	Crossing Guard Location	Number of Children Crossing			
		2010	2011		
			May	June	
WARD 1					
Blessed Trinity Catholic Elementary School	Melville Avenue and Springside Road (east side)	16	37	10	
Maple Creek Public School	Melville Avenue and Avro Road (north side)	1	5	0	
St. David Catholic Elementary School	Killian Road and Brice Road (east side)	19	19	24	
WARD 2					
Elder's Mills Public School	Forest Fountain Drive and Buena Vista Drive/Noble Prince Place (north side)	3	3	1	
St. Clement Catholic Elementary School	Martin Grove Road and Forest Drive (south side)	15	2	0	
St. Peter Catholic Elementary School	Martin Grove Road and Andrew Park Drive/Auburn Drive (north side)	18	19	12	
WARD 3					
Discovery Public School	Discovery Trail and Equator Crescent (south side)	13	42	24	
St. Agnes of Assisi Catholic Elementary School	Fossil Hill Road and La Rocca Avenue (south side)	46	47	59	
St. John Bosco Catholic Elementary School	Belview Avenue and Stan Gate (east side)	12	24	18	
WARD 4					
Thornhill Woods Public School	Thornhill Woods Drive and Autumn Hill Boulevard (east side)	33	9	23	
WARD 5					
Holy Family Catholic Elementary School	New Westminster Drive and Mullen Drive/Joseph Aaron Boulevard (south side)	23	41	13	
Thornhill Public School	Spring Gate Boulevard and Springfield Way (south side)	17	17	17	

DATE: June 21, 2011
TO: Mayor and Members of Council
RE: COUNCIL MEETING – JUNE 28, 2011
AWARD OF TENDER T11-123
WATERMAIN REPLACEMENT
LESTER B. PEARSON STREET AND MAIN STREET.
WARD 1

C 8
Item # 7
Report No. 32 CW
COUNCIL - June 28, 2011

Recommendation

The Commissioner of Engineering and Public Works in consultation with the Director of Purchasing Services and the Director of Reserves and Investments recommends:

1. That Tender T11-123, Watermain Replacement – Lester B. Pearson Street and Main Street be awarded to STG Construction Ltd. in the amount of \$139,760.00, plus applicable taxes;
2. That a contingency allowance in the amount of \$14,000.00, plus applicable taxes be approved within which the Commissioner of Engineering and Public Works or his designate is authorized to approve amendments to the Contract;
3. That a Geotechnical and Material Testing amount of \$1,500.00, plus applicable taxes be approved to ensure compliance with all applicable standards; and
4. That the Mayor and City Clerk be authorized to sign the appropriate documents.

Contribution to Sustainability

The watermain replacement will ensure that an acceptable level of service by the City's infrastructure is maintained for the health and well being of its citizens.

Economic Impact

The total project cost of \$163,000.00, which includes a contingency allowance, geotechnical inspection, material testing and treasury administration falls within the approved budget amount and as such, there is no additional economic impact to the 2008 Capital Budget (Capital Budget No. EN-1723-08).

Long range financial implications will include operating and maintenance costs associated with this type of infrastructure which are not quantified at this time, including long term replacement.

Communications Plan

Once the project is awarded, Engineering Services staff will advise the Mayor and Members of Council and will distribute a notice of construction to the affected residents.

Purpose

Council approval to award Tender T11-123, Watermain Replacement – Lester B. Pearson Street and Main Street.

Background - Analysis and Options

The work covered by this tender includes the replacement of watermain on Lester B. Pearson Street and Main Street, totalling approximately 275 metres in length.

The tender was advertised in the Daily Commercial News, on the Ontario Public Buyers Association (OPBA), on Bidding and on the City webpage and closed on June 16, 2011. Construction is scheduled to commence in July and is expected to be completed by Fall 2011. A total of 20 sets of bid documents were picked up from the Purchasing Services Department and the following 16 bids were received:

<u>Contractor</u>	<u>Total Bid Amount (excl. H.S.T.)</u>
STG Construction Ltd.	\$ 139,760.00
Gio Contracting Inc.	\$ 143,968.50
ERP Savini Construction Co. Ltd.	\$ 144,120.00
Calder Hill Contracting Limited	\$ 173,234.30 *
Hollingworth Construction Co.	\$ 175,974.00
FerPal Construction Co.	\$ 176,702.50
CG Construction Services Ltd.	\$ 177,496.00
Direct Underground Inc.	\$ 185,370.00
F.D.M. Contracting Co. Ltd.	\$ 192,468.00
Tubro Contracting Ltd.	\$ 194,634.00
New Tide Construction Ltd.	\$ 200,850.00
Sam Rabito Construction Ltd.	\$ 206,972.45 *
Wyndale Paving Co. Ltd.	\$ 277,260.00 *
Gio Crete Construction Ltd.	\$ 279,287.55
Tectonic Infrastructure Inc.	\$ 295,841.35
Aurostar Inc.	\$ 343,650.00 *

* Corrected for arithmetic error

The estimated cost for this project, including geotechnical inspection and materiel testing, a contingency allowance, treasury administration and all applicable taxes is \$163,000.00 and is calculated as follows:

STG Construction Ltd. (excluding H.S.T.)	\$ 139,760.00
Contingency Amount (approx. 10%)	\$ 14,000.00
Geotechnical Inspections and Material Testing (estimated)	\$ 1,500.00
Sub-Total	\$ 155,260.00
H.S.T. (1.76%)	\$ 2,732.58
Total	\$ 157,992.58
Treasury Administration (3%)	\$ 4,739.78
Net Total Cost	\$ 162,732.36

ROUNDED \$ 163,000.00

Engineering Services staff have reviewed the submitted bids and are satisfied that STG Construction Ltd., is deemed qualified to undertake this project. Therefore, it is appropriate to award this contract to the low bidder, STG Construction Ltd.

The engineering estimate for the construction of this project was \$179,000.00, excluding H.S.T.

Relationship to Vaughan Vision 2020/Strategic Plan

In consideration of the strategic priorities related to Vaughan Vision 2020, the recommendations of this report will assist in:

- Pursue Excellence in Service Delivery;
- Enhance and Ensure Community Safety, Health & Wellness; and
- Lead and Promote Environmental Sustainability

This report is consistent with the priorities previously set by Council.

Regional Implications

Not applicable.

Conclusion

Staff recommends that this contract be awarded to STG Construction Ltd. in the amount of \$139,760.00, plus applicable taxes.

Attachments

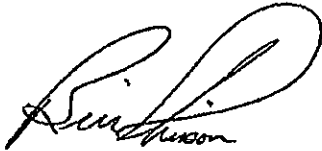
1. Location Map

Report prepared by:

Colin Cassar, C.E.T., Senior Engineering Assistant, ext. 8756

Vince Musacchio, P. Eng., PMP, Manager of Capital Planning and Infrastructure, ext. 8311 *VI*

Respectfully submitted,



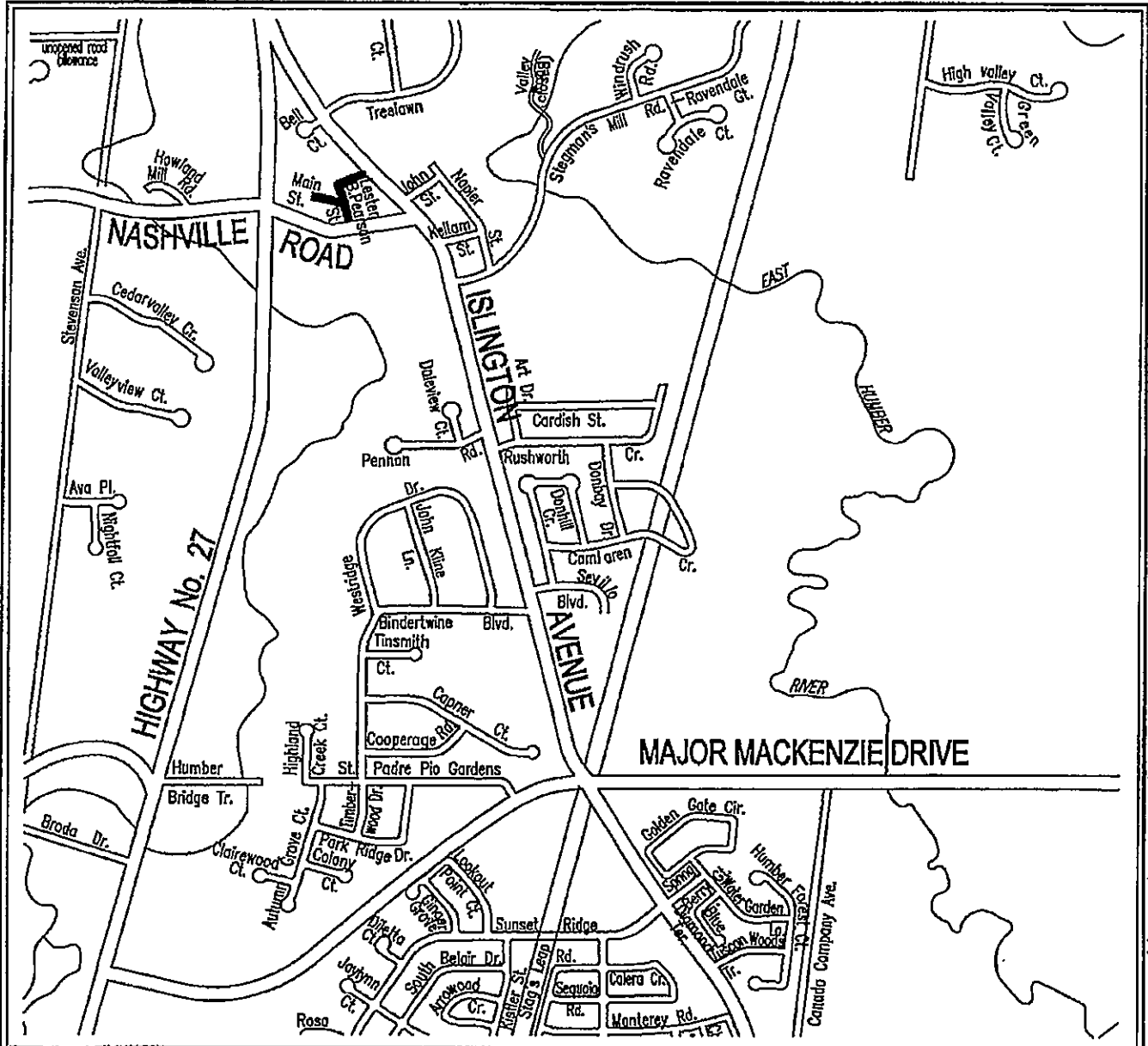
Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works



Jack Graziosi, P. Eng., M. Eng.
Director of Engineering Services

CC:mc

ATTACHMENT No. 1



WATERMAIN REPLACEMENT LESTER B. PEARSON AND MAIN STREET

T11-123

LEGEND

———— SUBJECT LOCATION



NOT TO SCALE



memorandum

DATE: June 22, 2011
TO: Mayor and Members of Council
RE: COUNCIL MEETING – JUNE 28, 2011
AWARD OF TENDER T11-036
CLARENCE STREET SLOPE STABILIZATION
AND SIDEWALK REPLACEMENT
WARD 2

C 9
Item # 5
Report No. 32 CW
COUNCIL – June 28, 2011

Recommendation

The Commissioner of Engineering and Public Works in consultation with the Director of Purchasing Services recommends that this report be received.

Contribution to Sustainability

The slope stabilization and sidewalk replacement at Clarence Street will ensure that an acceptable level of service by the City's infrastructure is maintained for the health and well being of its citizens.

Economic Impact

The economic impact will be addressed once the project has been retendered and staff review the compliant bids. It is anticipated that the tender will be awarded during Summer Hiatus.

Communications Plan

Once the project is awarded, Engineering Services staff will advise the Mayor and Members of Council and will distribute a notice of construction to the affected residents and businesses.

Purpose

To inform Council of the status of award of Tender T11-036, Clarence Street Slope Stabilization and Sidewalk Replacement.

Background - Analysis and Options

The work covered by this tender includes the slope stabilization and sidewalk replacement on the west side of Clarence Street at Wycliffe Avenue, (Capital Budget Project No. EN-1813-10). See Attachment No. 1 for project location.

The tender was advertised in the Daily Commercial News, on the Ontario Public Buyers Association (OPBA), on Biddingo and on the City webpage and closed on June 16, 2011.

Purchasing Services staff have reviewed the bids submitted and noted that all the bids did not include the Toronto Regional Conservation Authority contractor requirements and are deemed non-compliant. The following clause applies:

DOCUMENT I, INSTRUCTIONS TO BIDDER, ITEM 6, BID DISQUALIFICATION, PAGE 3-4

6.1 *The failure by any Bidder to fully comply with the following shall result in Bid disqualification and rejection;*

- xii. *Failure to provide, as part of the tender submission, the written evidence regarding qualification requirement pertaining to Document V, SPECIAL PROVISIONS, Section 1, GENERAL, Sub-section 1.2 Qualification Requirement.*

In view of the above, the project has been retendered under T11-276 anticipated to close on July 6, 2011, and will be awarded during Summer Hiatus, subject to receiving all necessary permits and approvals.

Relationship to Vaughan Vision 2020/Strategic Plan

In consideration of the strategic priorities related to Vaughan Vision 2020, the recommendations of this report will assist in:

- Pursue Excellence in Service Delivery;
- Enhance and Ensure Community Safety, Health & Wellness; and
- Lead and Promote Environmental Sustainability

This report is consistent with the priorities previously set by Council.

Regional Implications

Not Applicable.

Conclusion

Tender T11-036, Clarence Street Slope Stabilization and Sidewalk Replacement closed June 16, 2011 and all bids submitted were declared non-compliant by Purchasing Services staff. As a result, the project has been retendered under tender number T11-276 and be awarded during Summer Hiatus.

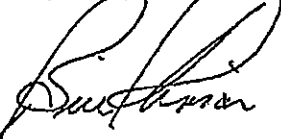
Attachments

1. Location Map

Report prepared by:

John Zanchettin, C.E.T., Senior Engineering Assistant, ext. 8470
Vince Musacchio, P. Eng., PMP, Manager of Capital Planning and Infrastructure, ext. 8311

Respectfully submitted,



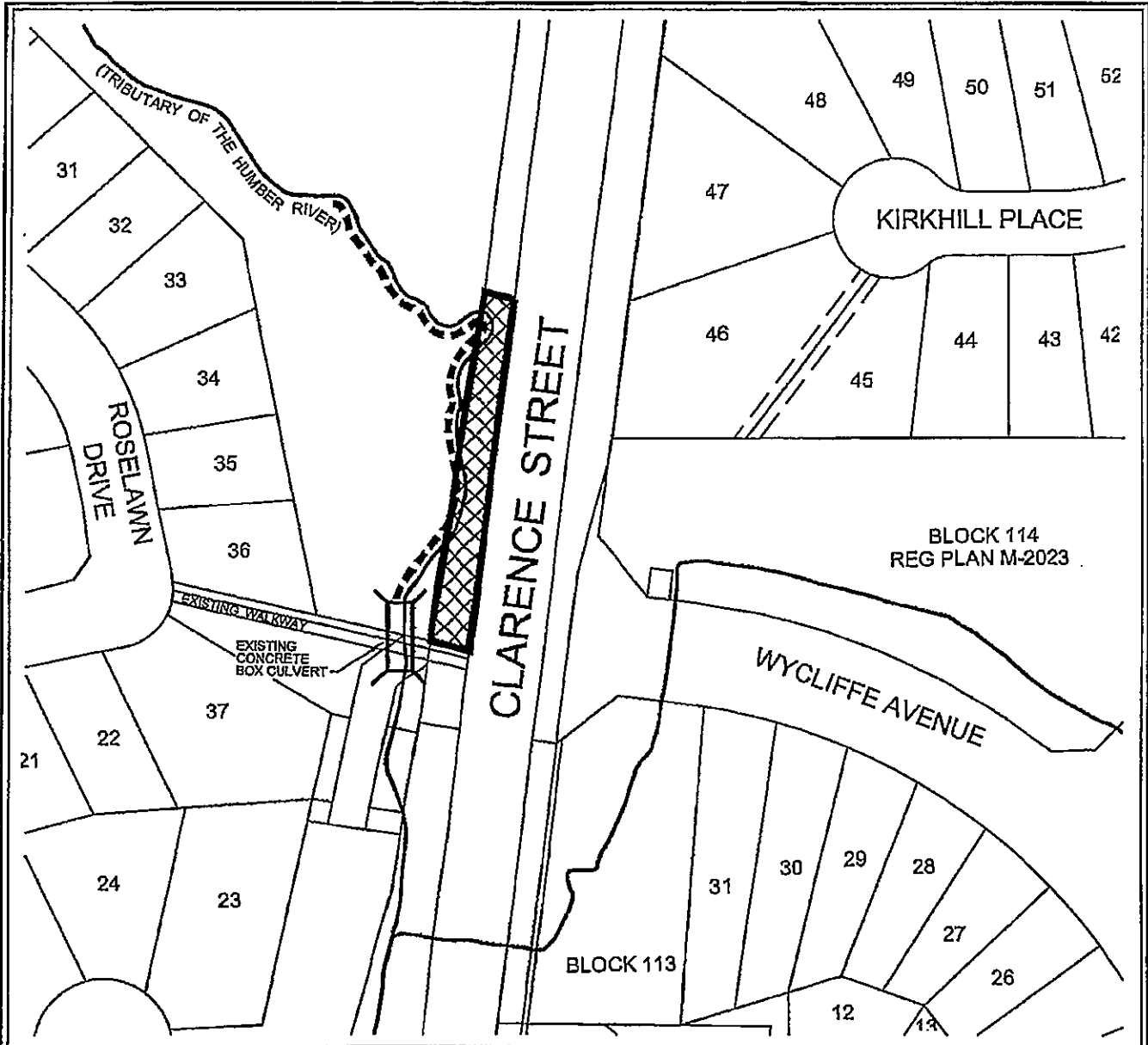
Bill Robinson, P. Eng.
Commissioner of Engineering and Public Works



Jack Graziosi, P. Eng., M. Eng.
Director of Engineering Services

JZ:mc

ATTACHMENT No. 1



**CLARENCE STREET
SLOPE STABILIZATION AND SIDEWALK REPLACEMENT
T11-036**

LOCATION : Part of Lots 13, Concession 8

LEGEND

- PROPOSED CREEK RELOCATION (± 110 METERS)
- XXXXXX PROPOSED SLOPE STABILIZATION AND SIDEWALK REPLACEMENT (± 100 METERS)



NOT TO SCALE



CONCORD WEST RATEPAYERS ASSOCIATION (since 1985)

7777 Keele Street, Unit 8, Box 79001,
Concord, City of Vaughan, Ontario, L4K
concord.west.ra@gmail.com
www.concordwest.ca

C 10
Items# 41, 42, 43, 44
Report No. 3'2 CW
COUNCIL - June 28, 2011

June 20, 2011

Regarding June 14, 2011 Committee of the Whole, Addendum Item 41, 42, 43, 44

Dear Mayor Bevilacqua and all members of the Vaughan City Council:

We are aware how late this intervention comes in a process that involves four different applications for microwave telecommunications towers to be used to provide better service to cell-phone users in the area of Vaughan. We have no intention of disputing the Mayor's eloquent defense of the modern need for reliable cell phone service. But we want to draw the Mayor's attention and that of Council to a few simple facts and their potential implications for public health.

It is well established that there are few reliable studies that have examined the biological, medical and physical effects of concentrated electromagnetic radiation in the microwave region. The effects may be caused by a variety of the properties of microwave radiation, ranging from the presence of nonbiological alternating magnetic fields to the heating by microwaves. Recent 2011 epidemiological studies have found that cell phone users have a significantly greater risk of acquiring benign and malignant neuroencephalic lesions. That should serve as a caution, since the radiation received and emitted by cell phones is of the same frequency as is emitted and relayed by telecommunications antennas and towers. The risk is proportional to the length of exposure and the power density of the electromagnetic flux. Now, Council should remark that nowhere do the applicants for these towers provide field data demonstrating the power densities expected and experimentally measured from towers with specific heights. The very fact that the applicants have come to Council to ask for increased tower heights indicates that they need to transmit over a greater area, and thus must employ a greater signal power than from the normative height.

It is only recently that epidemiological data on cell phone users have been able to accumulate sufficient data from long-term exposure to cell phone use and the local effect of microwave transmission towers. Very recent studies on this subject, however, have highlighted how the 1996 guidelines from Health Safety Code 6 are antiquated and how more stringent criteria for the location of these towers near residential neighbourhoods are needed, and in particular whenever children are exposed (developmental sensitivity). We quote from B. Blake Levitt and Henry Lai's 2010 study (Environ. Rev. 18: 369 (2010) doi:10.1139/A10-018, Published by NRC Research Press and found at http://www.maqdahavas.com/wordpress/wp-content/uploads/2010/11/Blake_Levit-Henry_Lai.pdf

""Eger et al. (2004) took up a challenge to medical professionals by Germany's radiation protection board to determine if there was an increased cancer incidence in populations living near cell towers. Their study evaluated data for approximately 1000 patients between the years of 1994 and 2004 who lived close to cell antennas. The results showed that the incidence of cancer was significantly higher among those patients who had lived for 5 to 10 years at a distance of up to 400 m from a cell installation that had been in operation since 1993, compared with those patients living further away, and that the patients fell ill on an average of 8 years earlier than would be expected. In the years between 1999 and 2004, after 5 years operation of the transmitting installation,



CONCORD WEST RATEPAYERS ASSOCIATION (since 1985)

7777 Keele Street, Unit 8, Box 79001,
Concord, City of Vaughan, Ontario, L4K 1Y0
concord.west.ra@gmail.com
www.concordwest.ca

the relative risk of getting cancer had tripled for residents in proximity of the installation compared with inhabitants outside of the area."

This and other recent studies have led many experts to suggest that the minimum distance of telecommunication towers to residential and school buildings should be no less than 500m.

Correct decisions are informed decisions. At least up to 400m distance from ordinary cell towers, there is now a well established significant risk of increased cancer incidence. We want to draw the Mayor and Council's attention to the fact that the tower proposed by Rogers Wireless Inc. to be located at position EM1 (over Fontana Gardens, 7400 Keele St.) lies less than 400 m from the first homes of the Concord West residential community. Within a 500m radius of the proposed tower location, such a tower will cover 24 residential homes. Prevention of cancer and other ailments (such as the now documented incidence of nausea and headaches within 400 m of such towers) is an essentially political and medical responsibility for public health. Because of these recent studies that we quote above, the WHO has now (June 5th, 2011) classified microwave radiofrequency radiation as a class 2B carcinogen (same category as DDT).

The CWRA calls on you to deny this application, since such a tower can be easily placed on the south side of Highway #407, well outside of the 500m radius of a residential neighbourhood.

Sincerely,

Julie Seeman, Acting-President, CWRA

Maria Bonfini, Treasurer, CWRA

Silvana Galloro, Secretary, CWRA

Frank J. Sperdutt
T (416) 367-6243
F (416) 361-7333
fsperdutt@blg.com

Borden Ladner Gervais LLP
Scotia Plaza, 40 King Street W
Toronto, ON, Canada M5H 3Y4
T 416.397.6000
F 416.357.6749
blg.com

BLG
Borden Ladner Gervais

June 23, 2011

Delivered by Facsimile and Email

Ms. Gloria Hardychuk
Assistant to the City Clerk
City of Vaughan
Clerks Department
Civic Centre
2141 Major Mackenzie Dr.
Vaughan, ON
L6A 1T1

C 11
Item # 30
Report No. 32 CW
COUNCIL - June 28, 2011

Dear Ms. Hardychuk,

Re: **Proposed zoning by-law amendment file Z.06.077**
Seven 427 Developments Inc.
File No. 022587/000002

We write to provide you with submissions regarding the proposed approval of the above-captioned zoning by-law amendment, for consideration by Council at its next meeting.

The proposed zoning by-law applies to a roughly 40 acre parcel located on the north side of Highway 7 between Old Huntington Road and Highway 427. The site is owned by Smart!Centres and is currently zoned Agricultural. The proposed rezoning is to C5 Community Commercial Zone, EM3(H) Retail Warehouse Employment Area Zone with holding "H" and OS1 Conservation Zone in a matter shown on attachment number 3 to the City staff report on the matter.

We are the solicitors for Strathallen Capital Corp., which owns a similarly sized parcel on the east side of Highway 427.

We write to request that Council defer approval of the proposed zoning by-law amendment to allow landowners and stakeholders to have an opportunity to discuss, participate and develop an overall and comprehensive commercial retail land use and road pattern network for this area amongst themselves and City staff. The following are the reasons in support of the requested deferral:

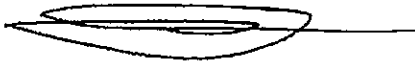
- (a) Good land use planning would dictate the development of a comprehensive land use and road network plan resulting from consultation among staff, landowners and the public. To date, there has been no such comprehensive planning exercise for this important growth area;

- (b) There has been little or no input from area landowners to ensure a fair and equitable allocation of commercial and retail warehouse employment uses.
- (c) The expanded uses proposed for the parcel in question, which include a department store, office and stationary supply, and business and professional offices are arguably more reflective of a C2 zone, which is not permitted by the Official Plan for this area. Stakeholders and staff need to have the opportunity to consider the impacts of the proposed expanded C5 Community Commercial Zone for this parcel to ensure that the uses are consistent with the Official Plan.

We appreciate that the proposed rezoning represents the culmination of many months of discussion between staff and the landowner. The time and effort spent on this matter will inform and expedite the more comprehensive discussion and planning approach that will ensue should Council agree to defer this matter. We are also confident that the additional time spent gathering input from stakeholders will ultimately avoid costly and time consuming objections and appeals.

Thank you for your consideration of this request. We would be pleased to make submissions or answer any questions you have as you may direct.

Yours very truly,
BORDEN LADNER GERVAIS LLP



Frank J. Sperduti
FJS/srm

cc: Stephen F. Waqué
Brian Spence
Attilio Lio
Paula Bustard
Heather Wilson

TOR01: 4667276: v1



memorandum

C 12
Item # 3
Report No. 14 Finance + Admin
Committee
COUNCIL - June 28, 2011

DATE: JUNE 23, 2011
TO: MAYOR AND MEMBERS OF COUNCIL
FROM: JEFFREY A. ABRAMS
CITY CLERK
RE: COUNCIL MEETING JUNE 28, 2011
COUNCIL EXPENDITURE BUDGETS
ITEM 3, REPORT NO. 14 OF THE FINANCE AND ADMINISTRATION COMMITTEE

It is recommended that the attached Terms of Reference be adopted to implement the recommendation embodied in Item 3, Report No. 14 of the Finance and Administration Committee, "COUNCIL EXPENDITURE BUDGETS".

Respectfully submitted,



Jeffrey A. Abrams
City Clerk

Attachment

JAA/cb



COUNCIL BUDGETS TASK FORCE TERMS OF REFERENCE

Mandate / Objectives

- 1) The Council Budgets Task Force is a sub-committee of the Finance and Administration Committee.
- 2) The Council Budgets Task Force will give consideration to the recommended 2012 expenditure budgets for Council offices, and report its findings to the Finance and Administration Committee through its deliberations on the 2012 Operating Budget.

Term

The term of the Council Budgets Task Force ends with the adoption of the 2012 City of Vaughan Operating Budget.

Membership

The Council Budgets Task Force is composed of Mayor Bevilacqua, Regional Councillor Rosati, and Councillors Carella, DeFrancesca, and Racco.

Meeting Procedures

The proceedings of the committee are to be governed by the City's Procedural By-law.

Agendas and Reporting

Agendas shall be prepared by the City Clerk's Office in consultation with the Committee Chair. Agendas shall be posted on the City's web site one week prior to the scheduled date of the meeting or as soon as practicable.

After each meeting of the Committee, the City Clerk shall submit a report in the City's committee report format to the Finance and Administration Committee.

Meetings

Meeting dates will be determined at the first meeting of the committee. The committee may meet on the schedule determined, or at the call of the Chair.

All meetings are to be open to the public in accordance with the *Municipal Act, 2001*.

Notice of Meetings

Meetings will be noted on the Schedule of Meetings calendar posted on the City's website.

Quorum

The majority of members, including the Chair, shall constitute quorum.

Staff Resources

The role of staff is to act as a resource to the committee, but not to be members of the committee, or to deliberate or draft the findings of the committee. The following staff will provide advisory and technical support specific to the mandate and objectives of the committee: Commissioner of Finance/City Treasurer, Director of Budgeting & Financial Planning, and the City Clerk.

The City Clerk's Office will be responsible for agenda production and distribution, the giving of procedural advice, and the recording of the proceedings of the committee.

Authority

The committee may not exercise decision-making powers, or commit expenditures save for those specifically delegated by Council. The committee may not direct staff to undertake activities without authority from Council.

The Terms of Reference for the Task Force were established by Council's adoption of Item 3 of the Finance and Administration Committee Report No. 14 of June 28, 2011.

Amendment / Expansion of Terms of Reference

Only Council can initiate any amendment and/or expansion of the Terms of Reference.



memorandum

DATE: June 23, 2011
TO: Mayor and Members of Council
FROM: Janice Atwood-Petkovski
Commissioner of Legal & Administrative Services/City Solicitor
RE: Proposed By-law to Regulate the Placement of Construction Bins
on Residential Properties
Item #37, Committee of the Whole, June 14, 2011

C 13
Item # 37
Report No. 32 CW
COUNCIL - June 28, 2011

On June 14, 2011, Committee of the Whole directed Staff to draft a by-law that deals with the regulation of Construction Bins on residential property. Staff have reviewed this issue. The authority to regulate and prohibit in regard to such bins on residential property is under Property Standards. Property Standards By-law 409-99 is proposed to be amended to prohibit Construction Bins, except when such Bins are being actively utilized in connection with construction or demolition of a building or structure. This draft by-law has been submitted to Council for approval at the June 28, 2011 meeting.


Janice Atwood-Petkovski
Commissioner of Legal & Administrative Services/City Solicitor



C 14
By-Law 121-2011
COUNCIL - June 28, 2011

TO: MAYOR & MEMBERS OF COUNCIL
FROM: JOHN MACKENZIE, COMMISSIONER OF PLANNING
DATE: JUNE 23, 2011
SUBJECT: COUNCIL MEETING – JUNE 28, 2011
BY-LAW TO REMOVE THE HOLDING SYMBOL “(H)”
MAJORWEST DEVELOPMENT CORP. – FILE NO. Z.11.019

Location

The subject lands shown on Attachments #1 and #2 are located on the south side of Major Mackenzie Drive, west of Vellore Woods Boulevard, being Block 84 on Registered Plan 65M-3626, in Part of Lot 20, Concession 5, City of Vaughan.

Purpose

To enact a zoning by-law to remove the Holding Symbol “(H)” from the subject lands shown on Attachment #2.

Background

The subject lands are designated “Medium Density Residential/Commercial” by OPA #600 and are zoned C1(H) Restricted Commercial Zone with the Holding Symbol “(H)” by By-law 1-88.

On August 31, 1998, By-law 278-98 was enacted and rezoned the subject lands (which is part of a larger land holding) from A Agricultural Zone to C1(H) Restricted Commercial Zone with the Holding Symbol “(H)”. The removal of the Holding Symbol “(H)” is contingent upon the approval of the required minor variances for implementing the site plan.

The following approvals were granted for the subject lands:

- The overall Site Plan File DA.07.017 (Phases 1 and 2) was approved by Vaughan Council on May 7, 2007. The Committee of Adjustment approved the implementing Minor Variance Application A258/07 on July 12, 2007, for a reduction in parking spaces from 235 to 226 parking spaces and a minimum rear yard setback from 10 m to 6 m. The Holding Symbol “H” was subsequently removed on the Phase 1 lands, which is currently developed with Buildings “A”, “B” and “C” as shown on Attachment #3.
- An amending Site Plan File DA.10.029 was approved on July 13, 2010, to permit minor changes to the building elevations for Buildings “B”, “D”, “E” and “F” and location of the driveway aisles, and an increase in G.F.A for Building “B”. The site plan amendment required a Minor Variance for a reduction in parking spaces to 223 parking spaces, which was approved by the Committee of Adjustment on June 10, 2010.

memorandum

- A subsequent amending Site Plan File DA.10.072 was approved on December 15, 2010, for minor revisions to the site plan and building elevations respecting Buildings "B", "D", and "E". The current approved site plan is shown on Attachment #3.

The Holding Symbol "H" could have been removed on the Phase 2 lands following the latter two site plan amendments, if the applicant had submitted a Zoning By-law Amendment Application to do so. Based on these approvals, the Development Planning Department is of the opinion that the Holding Symbol "(H)" can be removed from the Phase 2 lands.

The Owner has recently applied for another amending Site Plan Application (DA.11.049) to construct an outdoor play area associated with a permitted day nursery use on the east side of Building "D", as shown on Attachment #4. The proposed amendment requires a minor variance for a reduction in the setback to a day nursery use from 15 m to 5.5 m, and a reduction in parking spaces to 218 parking spaces due to the location of the outdoor play area, which is supported by Staff. The Minor Variance Application A159/11 is scheduled to be considered by the Committee of Adjustment on July 7, 2011.

The Development Planning Department is satisfied that the Owner has fulfilled the requirements to remove the Holding Symbol "(H)" on the subject lands (Phase 2), and can support the removal of the Holding Symbol "(H)". Should Council concur, the implementing zoning by-law to remove the Holding Symbol "(H)" is included on the June 28, 2011, Council Meeting agenda for enactment.

Respectfully submitted,



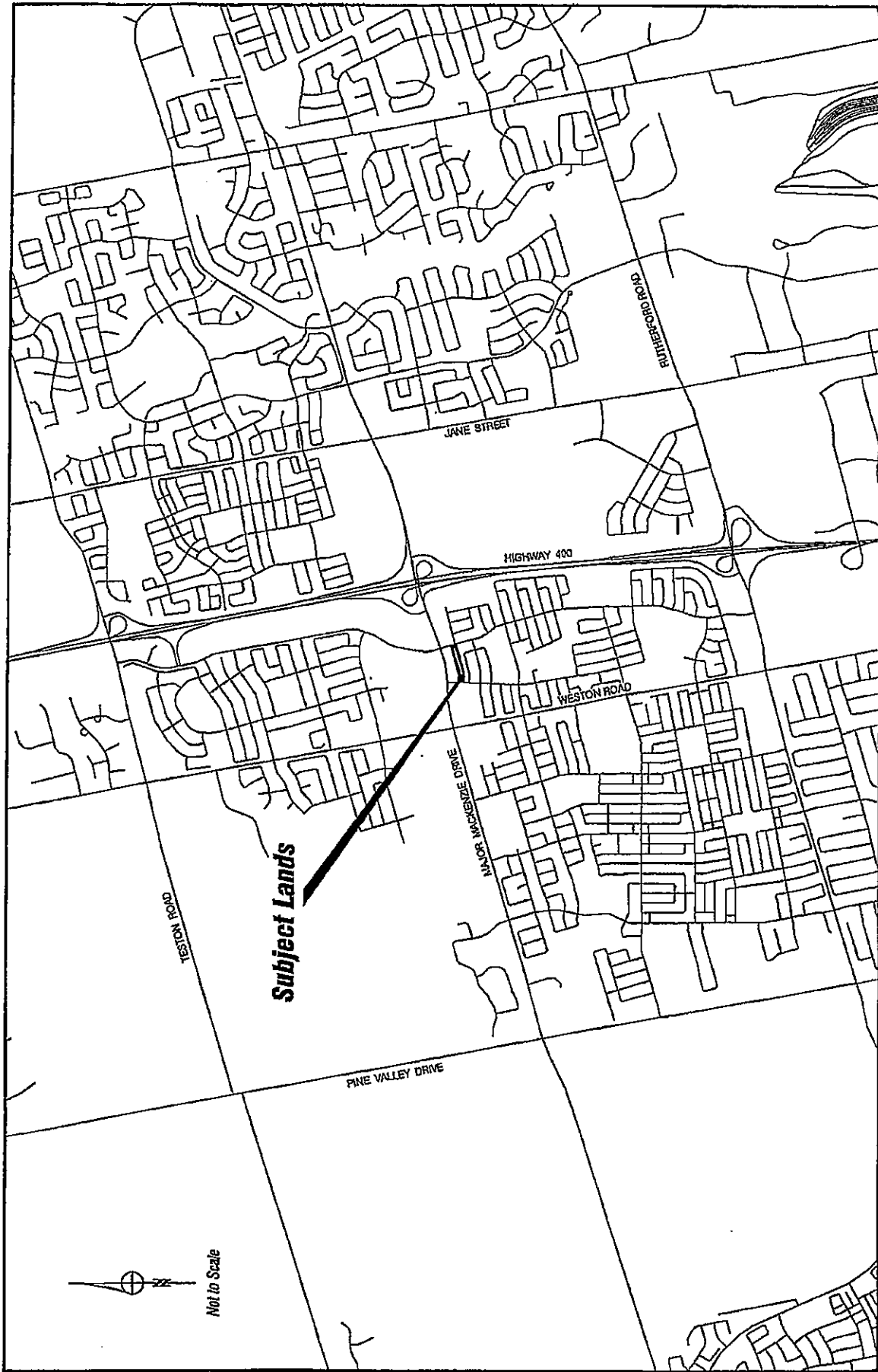
JOHN MACKENZIE
Commissioner of Planning

MC/CM

Attachments

1. Context Location Map
2. Location Map
3. Current Approved Site Plan (DA.10.072)
4. Proposed Site Plan (DA.11.049)

Copy to: Clayton Harris, City Manager
Jeffrey A. Abrams, City Clerk
Grant Uyeyama, Director of Development Planning



Context Location Map

LOCATION:
Part of Lot 20, Concession 5

APPLICANT:
Majorwest Development Corp.

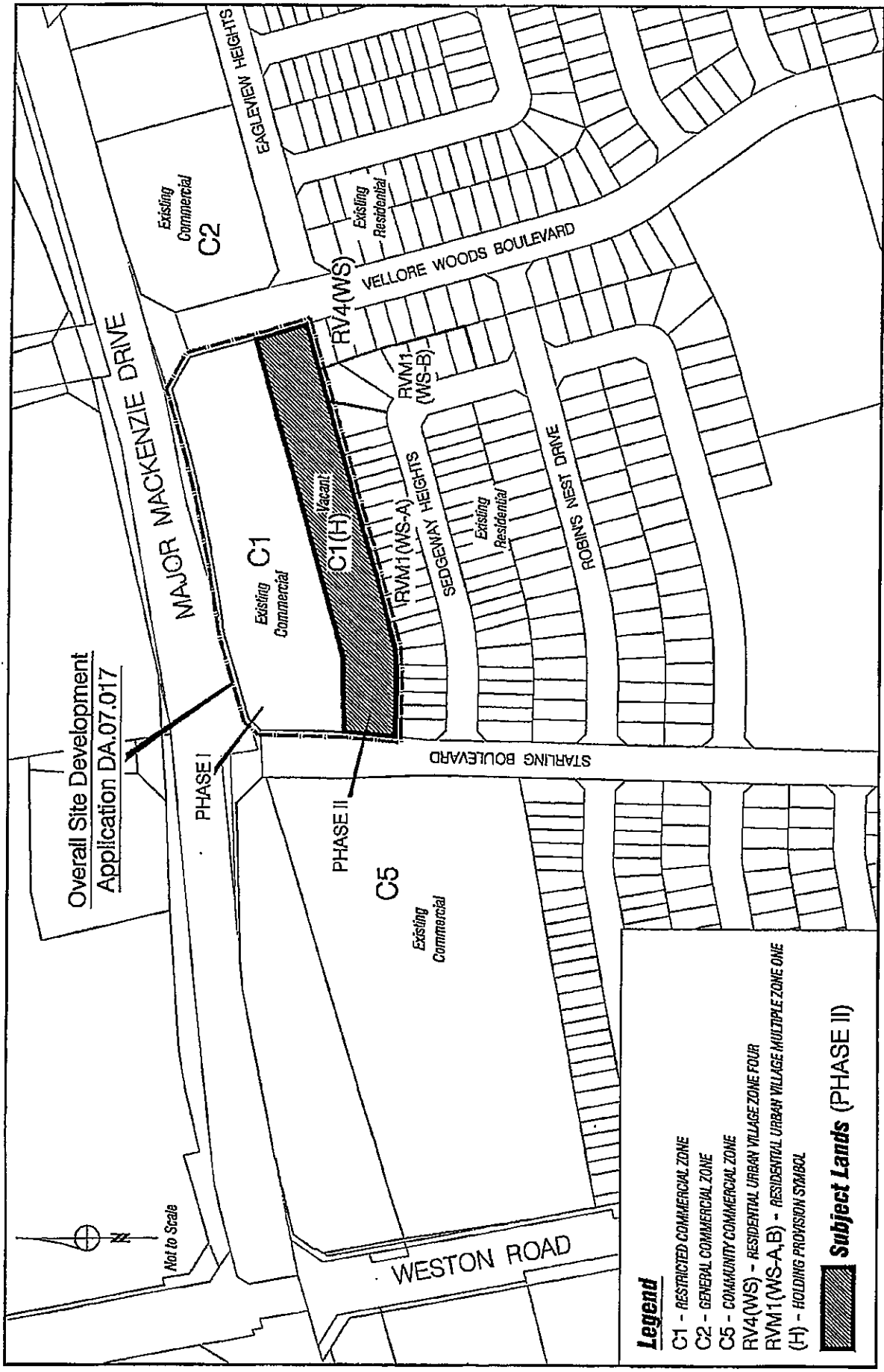
PROJECT: ATTACHMENTS\2-11-09.dwg



Attachment

FILE:
2.11.09

DATE:
June 09, 2011



Overall Site Development
Application DA.07.017

PHASE I

PHASE II

- Legend**
- C1 - RESTRICTED COMMERCIAL ZONE
 - C2 - GENERAL COMMERCIAL ZONE
 - C5 - COMMUNITY COMMERCIAL ZONE
 - RV4(WS) - RESIDENTIAL URBAN VILLAGE ZONE FOUR
 - RVM1(WS-A, B) - RESIDENTIAL URBAN VILLAGE MULTIPLE ZONE ONE
 - (H) - HOLDING PROVISION SYMBOL
- Subject Lands (PHASE II)**

Location Map

LOCATION:
Part of Lot 20, Concession 5

APPLICANT:
Majorwest Development Corp.

\\N\DATA\ATTACHMENTS\2\2.11.019.dwg

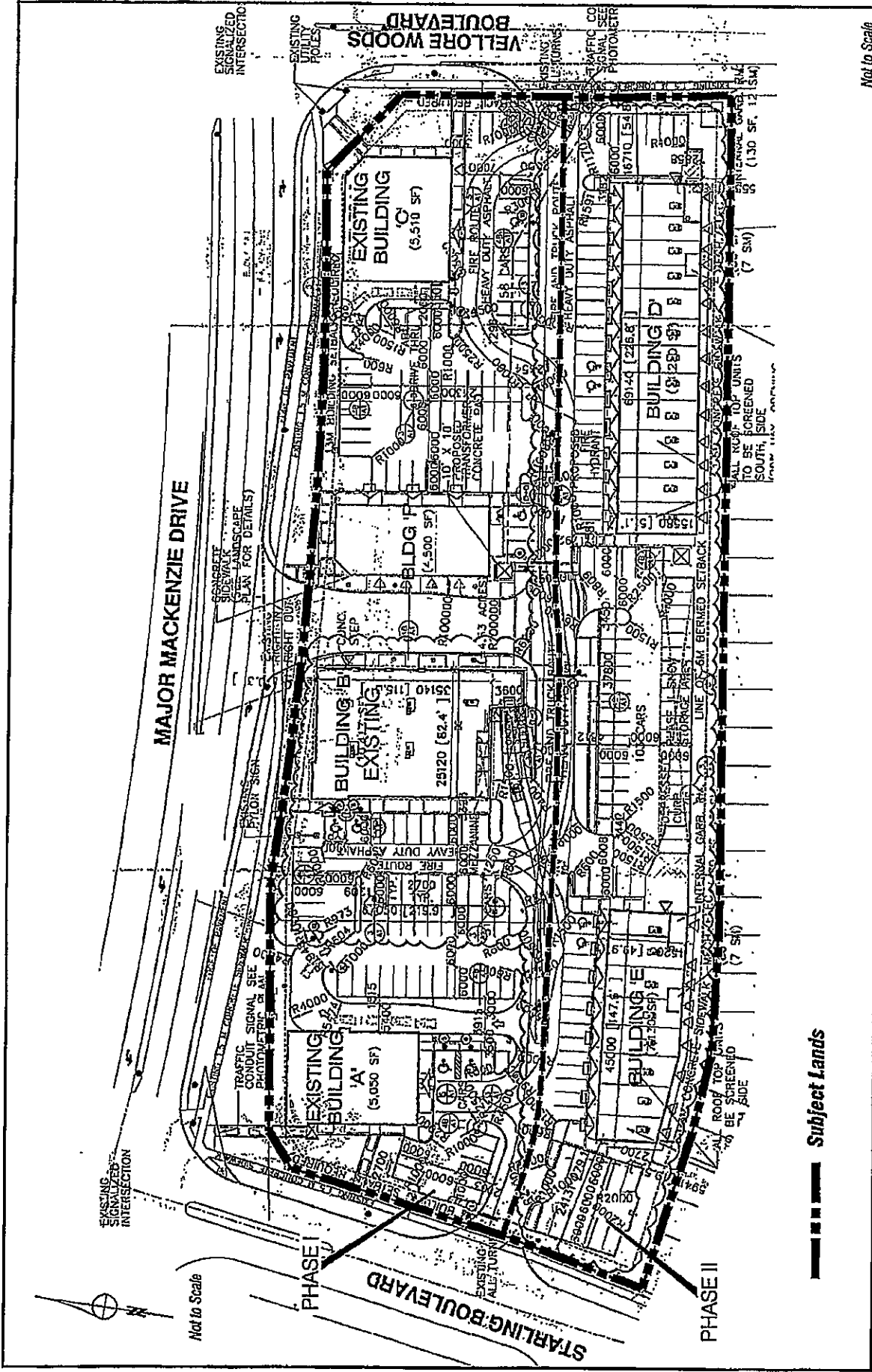


Attachment

FILE:
Z:11.019

DATE:
June 09, 2011

2



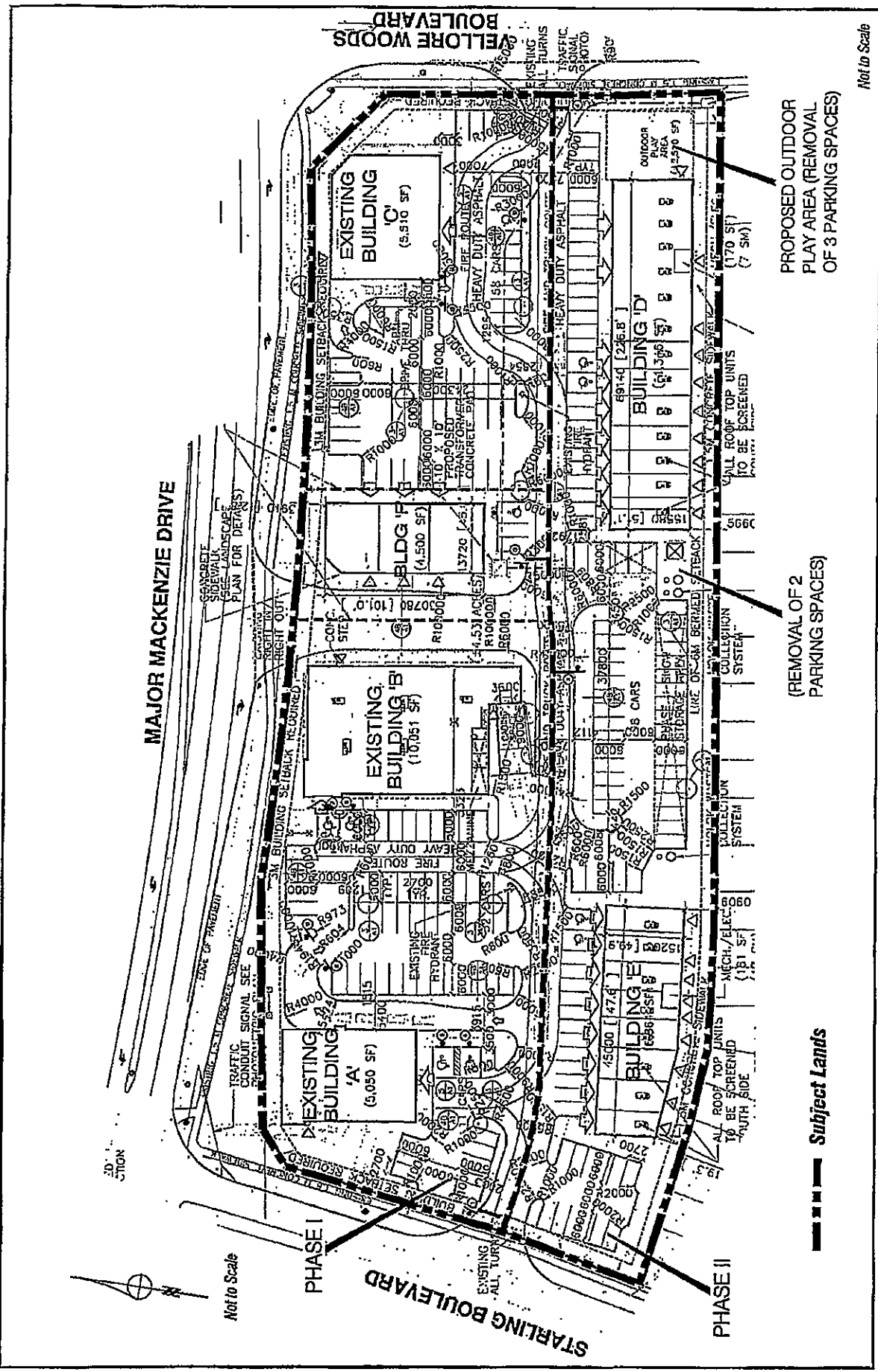
Not to Scale

**Current Approved
Site Plan (DA.10.072)**

APPLICANT: Majorwest Development Corp.
 LOCATION: Part of Lot 20, Concession 5
 AS\DETA\ATTACHMENTS\A\11.019.dwg



Attachment 3
 FILE: Z.11.019
 DATE: June 17, 2011



Attachment **4**
 FILE Z.11.019
 DATE June 17, 2011

VAUGHAN
 Development Planning
 Department

Proposed Site Plan
 (DA.11.049)
 APPLICANT: MajorWest Development Corp.
 LOCATION: Part of Lot 20, Concession 5
 RA\OFT\ATTACHMENTS\Z.11.019.dwg

--- Subject Lands

Not to Scale



C. 15
Item # 51
Report No. 32 CW
COUNCIL - June 28, 2011

TO: HONOURABLE MAYOR & MEMBERS OF COUNCIL
FROM: JOHN MACKENZIE, COMMISSIONER OF PLANNING
DATE: JUNE 23, 2011
RE: COMMUNICATION
COUNCIL MEETING -- JUNE 28, 2011

ITEM 51 – COMMITTEE OF THE WHOLE (JUNE 14, 2011)
OFFICIAL PLAN AMENDMENT FILE OP.10.006
ZONING BY-LAW AMENDMENT FILE Z.10.027
SITE DEVELOPMENT FILE DA.08.088
MAJOR WESTON CENTRES LIMITED
WARD 3

Recommendation

The Commissioner of Planning recommends:

1. THAT Recommendation 5 (iii) in the report from the Director of Development Planning respecting Item 51 of the Committee of the Whole report, dated June 14, 2011, be amended, to replace the number "9,113m²" with "22,679m²", so that it now reads:

"iii) Amend Subsection 12.7.4.4 to increase the maximum GFA permitted for the lands east of Vellore Park Avenue within the Commercial District from 5,500m² to 22,679m²;"

Background

The maximum GFA (Gross Floor Area) for the lands east of Vellore Park Avenue within the Commercial District was inadvertently referenced as 9,113m², whereas the correct GFA reference should have been 22,679m². This latter GFA figure is correctly referenced throughout the rest of the staff report.

Should Council concur, the above recommendation can be adopted.

Attachments

1. Context Location Map
2. Location/Zoning Map

MEMORANDUM

Report prepared by:

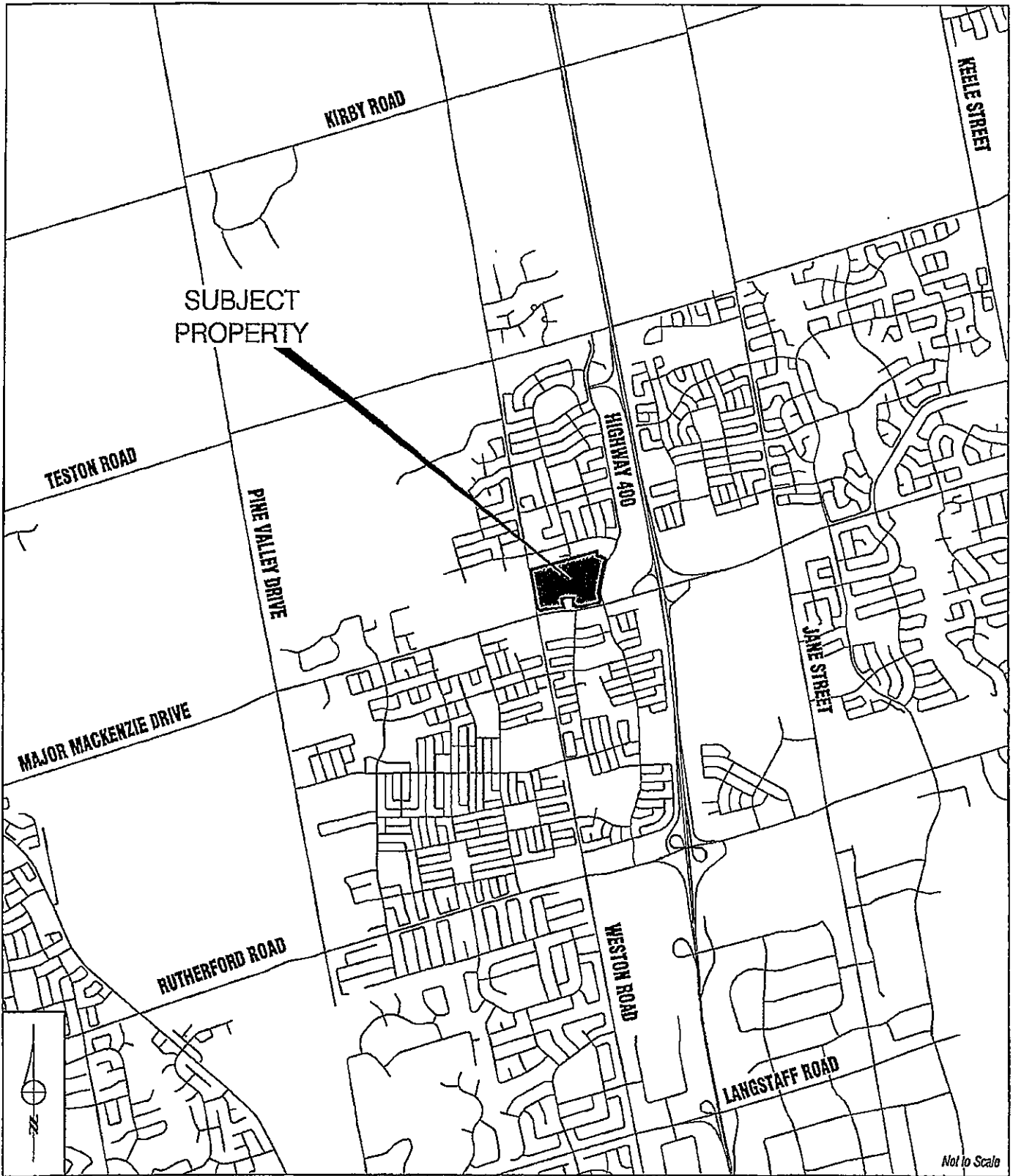
Judy Jeffers, Planner, ext. 8645

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'John Mackenzie', with a long horizontal stroke extending to the right.

JOHN MACKENZIE
Commissioner of Planning

Copy to: Clayton Harris, City Manager
Jeffrey A. Abrams, City Clerk
Grant Uyeyama, Director of Development Planning



Not to Scale

Context Location Map

LOCATION:
Part Lot 22, Concession 6

APPLICANT:
Major Weston Centres Limited

H:\OFT\1 ATTACHMENTS\OP\op.10.005a.dwg

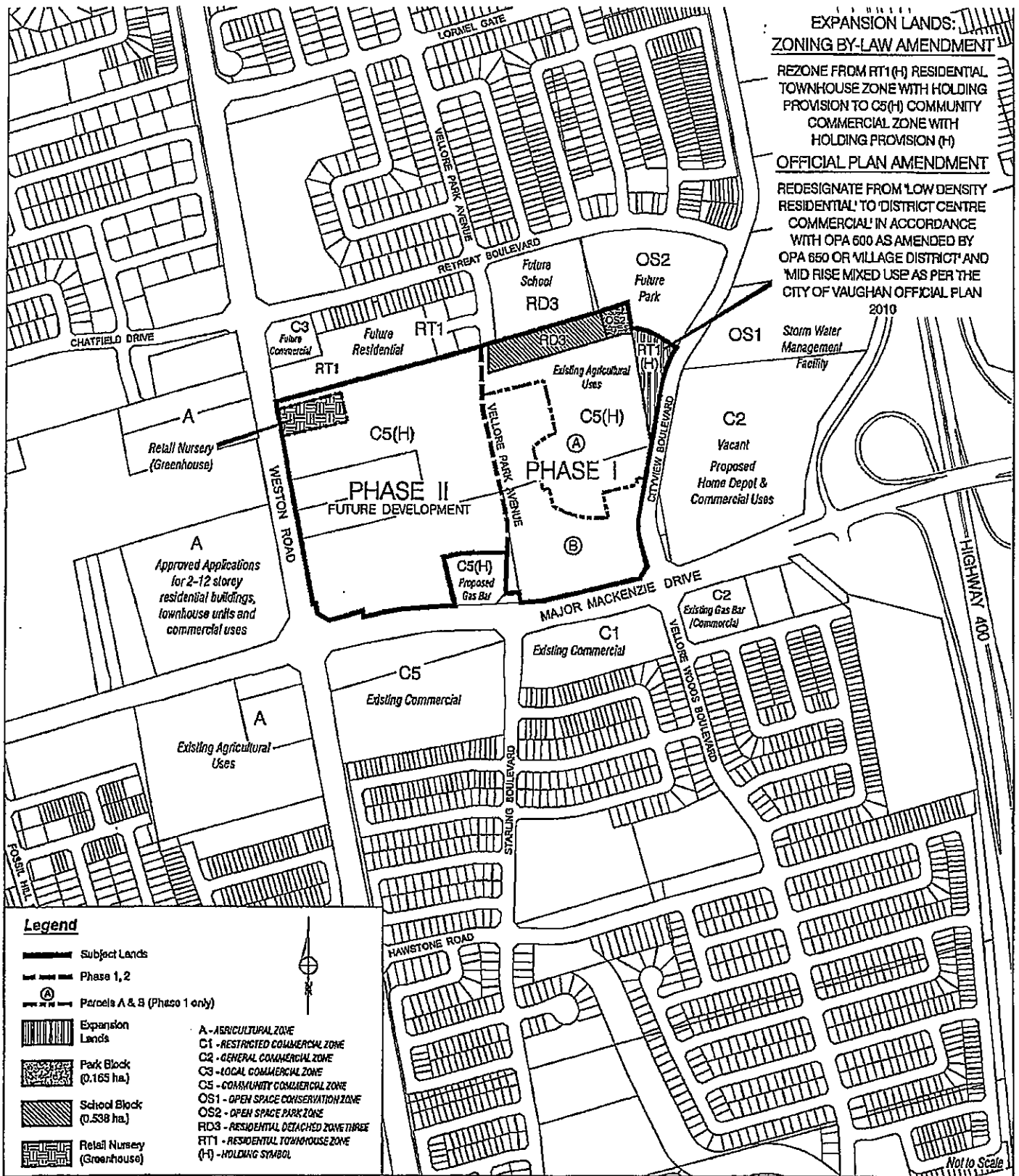


Attachment

FILES: Z.10.027,
OP.10.005 & DA.08.088

DATE:
May 31, 2011





Location / Zoning Map

LOCATION:
Part Lot 22, Concession 6

APPLICANT:
Major Weston Centres Ltd.

N:\DFT\1 ATTACHMENTS\OP\op.10.006o.dwg



Attachment

FILES: Z.10.027,
OP.10.006 & DA.09.088

DATE:
June 2, 2011

2

Mon. June 27, 2011

3:45 pm.

PAGE I
of 2

ATTN: Honourable Mayor
Members of Council
City Clerk
Engineering Dept.

C 18
Item # 10
Report No. 32 CW

COUNCIL - June 28, 2011

IVED

2011

MUGHAN

COUNCILS DEPARTMENT

It has come to my attention that an engineering study has concluded that a crossing guard posted at Thornhill Woods Drive & Autumn Hill Blvd. should be removed & only have 1 as opposed to 2.

Any previous studies need review as they are outdated & do not reflect the current condition of increasing traffic on both roads named above due to the ongoing construction of new homes (1500+ both to the immediate north-west corner of the subdivision of Thornhill Woods & the massive construction of 5000+ new homes north of Rathford & both east & west of the extension of Thornhill Woods Drive, known as Thomas Cook Blvd.

As the widening of Bathurst Street has been delayed too long, all traffic south for the morning getting to Hwy 7 is cutting through Thornhill Woods Drive in front of the school & going north after 3:00 pm. to avoid the long Bathurst St back ups.

(Removing the 2nd crossing guard would send a signal to drivers that they don't have to slow down & this would encourage even more traffic.

(The increase in traffic due to the new home construction in WARD 4 directly impacts Thornhill Woods Drive & Autumn Hill Blvd. & could have dangerous consequences for Thornhill Woods Public School & all those who attend it, children, parents, caregivers & who walk there & back daily!

No crossing guard should be removed from that intersection without further traffic studies & extensive review from your engineering & traffic experts.

Thanking you in advance for your postponement of the removal of the crossing guard at Autumn Hill Blvd & Thornhill Woods Drive.

(Sincerely, Maxine Povering
Thornhill Woods resident, parent, &
member of the Thornhill Woods Community Assoc
mpovering@rogers.com cell 647-449-4663
Address: 11111 111th Ave NW, Burnsville, MN 55337

Subject:

Crossing Guard on Autumn Hill - re Thornhill Wood Public School

c / 19
Item # 10
Report No. 32 CW
COUNCIL - June 28, 2011

-----Original Message-----

From: Joanne Groer [mailto:jgroer@ca.ibm.com]
Sent: Monday, June 27, 2011 12:26 PM
To: Racco, Sandra
Cc: Furfaro, Cindy; Graziosi, Jack; joel.hertz@yrdsb.edu.on.ca; Polisuk, Rhonda; lynne.cohen@yrdsb.edu.on.ca
Subject: Crossing Guard on Autumn Hill - re Thornhill Wood Public School

Hi Sandra,

It has come to my attention as co-chair of Thornhill Woods School Council that there is an item at Vaughan Council for Tuesday to remove the Crossing Guard at Autumn Hill, by Thornhill Woods Public School.

It is my understanding that there are many children crossing at Autumn Hill, but not in the direction that the crossing guard has been designated to do his duty, ie. fewer children crossing in a North South direction, while many children crossing in a East West direction. The study does not appear to have taken into account the number of children crossing altogether at Autumn Hill.

On behalf of the parents of Thornhill Woods, this e-mail serves as our request that a further study please be conducted on this area and for the crossing guard not to be removed until such further investigation has been conducted.

This is a very congested area early in the morning, with lots of impatient traffic on Autumn Hill of non-residents travelling from Bathurst to Dufferin and vice versa, and we want to ensure the safety of the children walking to school before the Crossing Guard is removed.

I appreciate your assistance in this matter.

Joanne C. Groer B.A. LL.B J.D.
Legal
IBM Canada Limited A4/Q08/3600/MKM
Tel: (905) 316-5027
Fax: (905) 316-4220
e-mail: jgroer@ca.ibm.com

PREPARED BY IBM ATTORNEY/PRIVILEGE REVIEW REQUIRED

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c. 20
Items# 41, 42, 43, 44
Report No. 32 CW
COUNCIL - June 28, 2011

Stephen J. D'Agostino
416-868-3126
sdagostino@thomsonrogers.com

SENT BY EMAIL ONLY

June 28, 2011

Mayor & Members of Council
City of Vaughan
2141 Major Mackenzie Drive
Vaughan, Ontario
L6A 1T1

Dear Sirs/Mesdames:

June 28th, 2011 Council Agenda
Item #3, Committee of the Whole Report #32, Items #41-44
Rogers Wireless Telecommunications Sites
Site Development File DA.10.061
Site Development File DA.10.088
Site Development File DA.10.089
Site Development File DA.11.015
Our File No. 050682

We are the solicitors for Rogers Communications Inc. ("Rogers") in connection with the above-captioned wireless telecommunication proposals which are on today's Council Agenda.

We have just reviewed correspondence directed to you from Julie Seeman, Maria Bonfini and Silvana Galloro on the letterhead of the Concord West Ratepayers Association (the "Letter"). The Letter contains significant misinformation and we would like to take this opportunity to respond to same.

The Letter is based on an article published by the NRC Research Press. However, that article has been publicly criticized by Health Canada, which stated that the conclusions drawn in the article were made without a full examination of the scientific evidence. Attached to this correspondence please find a copy of a media report from the Montreal Gazette on the subject.¹

¹ Montreal Gazette media report dated November 13, 2010

The Letter contains a quote from the article, which references a study completed by Eger et al. in 2004. We note that the World Health Organization (“WHO”) has excluded this study from its consideration as it does not meet the WHO’s basic quality criteria requirements.²

The Letter also mischaracterizes the recent classification of radiofrequency electromagnetic fields by the World Health Organization/International Agency for Research on Cancer (“IARC”).

First and foremost, it is important to note that radiofrequency electromagnetic fields were classified as “2B - possibly carcinogenic”; not probably, nor likely. This is the same classification as coffee and pickled vegetables. This classification arose following an 8 day meeting in May, 2011 of 21 scientists from 14 different countries at the IARC in France (the “Group”). The Group met to discuss the potential carcinogenic hazards from exposure to radiofrequency electromagnetic fields, and evaluate the available literature, exposure data, studies of cancer in humans and experimental animals, and other relevant data. A copy of a summary of the IARC’s conclusions is attached for your information.³

In view of the limited evidence of risk (limited is defined by the IARC to mean the association identified in the study could be as a result of chance, bias or confounding) to users of wireless telephones for glioma and acoustic neuroma, the Group decided to place radiofrequency fields in the 2B category. No association was found for other types of cancers, and no association was found between cancer and exposure to other radiofrequency electromagnetic sources, such as cell towers. To be clear, none of the studies have identified a direct link between cancer and cell phone use or proximity to cell towers.

It is also important to note that cell phones and wireless facilities are designed to operate within national exposure limits (Safety Code 6), which already have substantial safety margins built into them. Therefore, notwithstanding the recent report from the IARC, the existing advice from the WHO and other health agencies such as Health Canada and the Region of York Medical Officer of Health remains valid.

The Letter also confuses information related to cell phones and erroneously attributes it to cell towers. The Letter fails to recognize that the energy received from a cell tower will be much less. According to the IARC, “Typical exposures to the brain from rooftop or tower-

² Bulletin of the WHO, “*Systematic Review on the Health Effects of Exposure to Radiofrequency Electromagnetic Fields from Mobile Phone Base Stations*”, published online October 5, 2010

³ The Lancet Oncology, Volume 12, Issue 7, Pages 624 - 626, July 2011. Published online: June 22, 2011

mounted mobile-phone base stations and from TV and radio stations are several orders of magnitude lower than those from global system for mobile communications (GSM) handsets.”⁴

Finally, the Letter cited a particular concern with respect to the distance between the proposal associated with Site Development File DA.10.061 and the nearest residential home. For clarity, this proposed facility is 383 metres away from the nearest residential property line. The power density at the highest point assuming full power is 0.16% of the Safety Code 6 allowable maximum, or to put it another way, it is **625 times below** the allowable Safety Code 6 limit. It would be much lower at the closest home. This is consistent with IARC expectations.

We respectfully request that Council disregard the Letter and give concurrence to the four proposals on today’s Agenda.

Yours very truly,



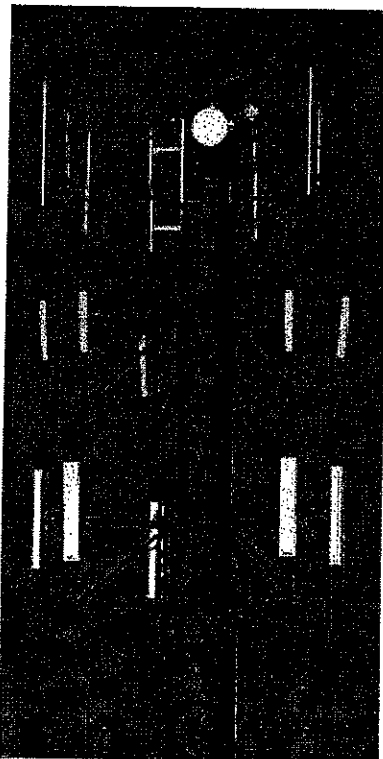
Stephen J. D'Agostino
Stephen Joseph D'Agostino Law Professional Corporation

SJD/lmr

⁴ *Supra* note 3 at page 1

'No new data' in exposure study, Health Canada says

BY DAVID JOHNSTON, THE GAZETTE NOVEMBER 13, 2010



Proximity to cellphone towers does not increase risk of health problems, Health Canada says.

Photograph by: Nick Brancaccio, Postmedia news

Health Canada has criticized a new study made public on Nov. 5 that concludes chronic low-level radiation from cell towers constitutes a danger to the health of people living very close to them.

The study, published in *Environmental Reviews*, warned that radiation from cell towers is linked to a higher risk of a variety of illnesses and disorders.

Environmental Reviews is an online publication overseen by Canadian Science Publishing. CSP was created last September as a result of the privatization of the federal National Research Council's NRC Research Press. Although private, CSP is a non-profit entity.

"No new data is presented," Health Canada said in a statement in response to query from CBC News. "As well, the conclusions made by the authors are not based on a full examination of the scientific evidence."

The study was done by Blake Levitt, a science journalist and author, and Henry Lai, a professor of bioengineering at the University of Washington.

Levitt said that illnesses observed in people living very close to cell towers are similar to what was observed in employees of the U.S. embassy in Moscow during the Cold War, as a result of intentional low-level irradiation of the embassy by Soviet intelligence. A 1978 Johns Hopkins University study found higher incidences of tumours, depression, attention deficit, skin disorders and reproductive problems among embassy employees.

In an update published in May, Health Canada concluded that there are no dangers from using cellphones or living next to cell towers.

"Health Canada has conducted its own research to determine whether RF (radio-frequency) energy (from cellphones and cellphone towers) could cause damage to DNA or changes to certain genes," according to the update. "The exposure levels used in these studies included those that were well above the limits specified in Health Canada's RF exposure guidelines. Based on Health Canada's research, no effects from RF exposure were seen."

However, Health Canada added that it will continue to monitor the latest science regarding RF exposure.

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Carcinogenicity of radiofrequency electromagnetic fields



In May, 2011, 30 scientists from 14 countries met at the International Agency for Research on Cancer (IARC) in Lyon, France, to assess the carcinogenicity of radiofrequency electromagnetic fields (RF-EMF). These assessments will be published as Volume 102 of the IARC Monographs.¹

Human exposures to RF-EMF (frequency range 30 kHz–300 GHz) can occur from use of personal devices (eg, mobile telephones, cordless phones, Bluetooth, and amateur radios), from occupational sources (eg, high-frequency dielectric and induction heaters, and high-powered pulsed radars), and from environmental sources such as mobile-phone base stations, broadcast antennas, and medical applications. For workers, most exposure to RF-EMF comes from near-field sources, whereas the general population receives the highest exposure from transmitters close to the body, such as handheld devices like mobile telephones. Exposure to high-power sources at work might involve higher cumulative RF energy deposited into the body than exposure to mobile phones, but the local energy deposited in the brain is generally less. Typical exposures to the brain from rooftop or tower-mounted mobile-phone base stations and from TV and radio stations are several orders of magnitude lower than those from global system for mobile communications (GSM) handsets. The average exposure from use of digital enhanced cordless telecommunications (DECT) phones is around five times lower than that measured for GSM phones, and third-generation (3G) phones emit, on average, about 100 times less RF energy than GSM phones, when signals are strong. Similarly, the average output power of Bluetooth wireless hands-free kits is estimated to be around 100 times lower than that of mobile phones.

EMFs generated by RF sources couple with the body, resulting in

induced electric and magnetic fields and associated currents inside tissues. The most important factors that determine the induced fields are the distance of the source from the body and the output power level. Additionally, the efficiency of coupling and resulting field distribution inside the body strongly depend on the frequency, polarisation, and direction of wave incidence on the body, and anatomical features of the exposed person, including height, body-mass index, posture, and dielectric properties of the tissues. Induced fields within the body are highly non-uniform, varying over several orders of magnitude, with local hotspots.

Holding a mobile phone to the ear to make a voice call can result in high specific RF energy absorption-rate (SAR) values in the brain, depending on the design and position of the phone and its antenna in relation to the head, how the phone is held, the anatomy of the head, and the quality of the link between the base station and phone. When used by children, the average RF energy deposition is two times higher in the brain and up to ten times higher in the bone marrow of the skull, compared with mobile phone use by adults.² Use of hands-free kits lowers exposure to the brain to below 10% of the exposure from use at the ear, but it might increase exposure to other parts of the body.³

Epidemiological evidence for an association between RF-EMF and cancer comes from cohort, case-control, and time-trend studies. The populations in these studies were exposed to RF-EMF in occupational settings, from sources in the general environment, and from use of wireless (mobile and cordless) telephones, which is the most extensively studied exposure source. One cohort study⁴ and five case-control studies^{5–9} were judged by the Working Group to offer potentially useful information

regarding associations between use of wireless phones and glioma.

The cohort study⁴ included 257 cases of glioma among 420 095 subscribers to two Danish mobile phone companies between 1982 and 1995. Glioma incidence was near the national average for the subscribers. In this study, reliance on subscription to a mobile phone provider, as a surrogate for mobile phone use, could have resulted in considerable misclassification in exposure assessment. Three early case-control studies^{5–7} encompassed a period when mobile phone use was low, users typically had low cumulative exposures, time since first use of a mobile phone was short, and effect estimates were generally imprecise; the Working Group considered these studies less informative. Time-trend analyses did not show an increased rate of brain tumours after the increase in mobile phone use. However, these studies have substantial limitations because most of the analyses examined trends until the early 2000s only. Such analyses are uninformative if excess risk only manifests more than a decade after phone use begins, or if phone use only affects a small proportion of cases—eg, the most heavily exposed, or a subset of brain tumours.

The INTERPHONE study,⁸ a multicentre case-control study, is the largest investigation so far of mobile phone use and brain tumours, including glioma, acoustic neuroma, and meningioma. The pooled analysis included 2708 glioma cases and 2972 controls (participation rates 64% and 53%, respectively). Comparing those who ever used mobile phones with those who never did yielded an odds ratio (OR) of 0.81 (95% CI 0.70–0.94). In terms of cumulative call time, ORs were uniformly below or close to unity for all deciles of exposure except the highest decile (>16.40 h of use), for which the OR for glioma was 1.40 (95% CI 1.03–1.89). There was suggestion of an increased risk for ipsilateral exposure (on the same



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2045(11)70147-4

For more on the IARC

Monographs see

<http://monographs.iarc.fr>

Upcoming meetings

Oct 11–18, 2011

Bitumen and bitumen fumes, and some heterocyclic polycyclic aromatic hydrocarbons

Feb 7–14, 2012

Polyomaviruses (SV40, BK, JC, and Merkel cell viruses) and malaria

June 5–12, 2012

Diesel and gasoline engine exhausts and some nitroarenes

Monograph Working Group

Members

J Samet—Chair (USA);

B Armstrong, M Sim (Australia);

E Degraeve [not present during

evaluations], L Verschaeve

(Belgium); J Siemiatycki,

J McNamee (Canada);

D Leszczynski, J Juutilainen

(Finland); R de Seze, J-F Doré

(France); M Blettner,

C Dassenbrock (Germany);

J Miyakoshi, T Shirai (Japan);

S Szmygielski [unable to

attend] Poland; N Kim

(Republic of Korea); I Belyaev

(Slovak Republic); E Cardis

(Spain); L Hardell (Sweden);

M Mevissen, M Rössli

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[not present during final

evaluation], D McCormick,

R Melnick, C Portier,

D Richardson, Vijayalaxmi (USA)

Invited specialists

A Ahlbom [withdrew] Sweden);

N Kuster (Switzerland)

Representatives

L Bontoux, K Broenen (European

Commission DG SANCO,

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Produits, Tunisia); C Galland,

O Merkel (ANSES, France)



Observers

J Elder (Mobile Manufacturers Forum); C Marrant (Léon Bérard Centre, France); R Nuttall (Canadian Cancer Society, Canada); J Rowley (GSM Association, UK); M Swicord (CTIA Wireless Association, USA)

IARC Secretariat

R Baan, L Benbrahim-Tallaa, V Bouvard, G Byrnes, R Carel, I Deltour, F El Ghissassi, L Galichet, Y Grosse, N Guha, A Harbo Poulsen, F Islami, A Kesminiene, B Lauby-Secretan, M Moissonnier, R Saracchi, J Schüz, K Straif, E van Deventer

Conflicts of interest

MS's spouse owns shares (worth €1350) in Telstra, a telecommunications company in Australia. BA has received travel and accommodation expenses for presentations on mobile phone use and brain tumours, from various Australian organisations and government groups. EC has received travel and accommodation expenses for presentations organised by France Telecom. RdS has received research support from Fondation Santé et Radiofréquences, and was a paid advisor (<€1000) for the plaintiff's lawyer on a lawsuit involving radiofrequency exposure. NK is director and board member of the non-profit IT'IS foundation that performs exposure assessments for industry and governments, and is president of the board and shareholder of Near-Field Technology AG, which controls two companies that develop near-field measurement instruments, simulation software, and medical test equipment. All other Working Group members, specialists, representatives, and secretariat declared no conflicts of interest.

side of the head as the tumour) and for tumours in the temporal lobe, where RF exposure is highest. Associations between glioma and cumulative specific energy absorbed at the tumour location were examined in a subset of 553 cases that had estimated RF doses.¹⁰ The OR for glioma increased with increasing RF dose for exposures 7 years or more before diagnosis, whereas there was no association with estimated dose for exposures less than 7 years before diagnosis.

A Swedish research group did a pooled analysis of two very similar studies of associations between mobile and cordless phone use and glioma, acoustic neuroma, and meningioma.⁹ The analysis included 1148 glioma cases (ascertained 1997–2003) and 2438 controls, obtained through cancer and population registries, respectively. Self-administered mailed questionnaires were followed by telephone interviews to obtain information on the exposures and covariates of interest, including use of mobile and cordless phones (response rates 85% and 84%, respectively). Participants who had used a mobile phone for more than 1 year had an OR for glioma of 1.3 (95% CI 1.1–1.6). The OR increased with increasing time since first use and with total call time, reaching 3.2 (2.0–5.1) for more than 2000 h of use. Ipsilateral use of the mobile phone was associated with higher risk. Similar findings were reported for use of cordless phones.

Although both the INTERPHONE study and the Swedish pooled analysis are susceptible to bias—due to recall error and selection for participation—the Working Group concluded that the findings could not be dismissed as reflecting bias alone, and that a causal interpretation between mobile phone RF-EMF exposure and glioma is possible. A similar conclusion was drawn from these two studies for acoustic neuroma, although the case numbers were substantially smaller than for glioma. Additionally, a study from Japan¹¹ found some evidence of an increased risk for acoustic neuroma

associated with ipsilateral mobile phone use.

For meningioma, parotid-gland tumours, leukaemia, lymphoma, and other tumour types, the Working Group found the available evidence insufficient to reach a conclusion on the potential association with mobile phone use. Epidemiological studies of individuals with potential occupational exposure to RF-EMF have investigated brain tumours, leukaemia, lymphoma, and other types of malignancy including uveal melanoma, and cancers of the testis, breast, lung, and skin. The Working Group noted that the studies had methodological limitations and the results were inconsistent. In reviewing studies that addressed the possible association between environmental exposure to RF-EMF and cancer, the Working Group found the available evidence insufficient for any conclusion.

The Working Group concluded that there is “limited evidence in humans” for the carcinogenicity of RF-EMF, based on positive associations between glioma and acoustic neuroma and exposure to RF-EMF from wireless phones. A few members of the Working Group considered the current evidence in humans “inadequate”. In their opinion there was inconsistency between the two case-control studies and a lack of an exposure-response relationship in the INTERPHONE study results; no increase in rates of glioma or acoustic neuroma was seen in the Danish cohort study,⁴ and up to now, reported time trends in incidence rates of glioma have not shown a parallel to temporal trends in mobile phone use.

The Working Group reviewed more than 40 studies that assessed the carcinogenicity of RF-EMF in rodents, including seven 2-year cancer bioassays. Exposures included 2450 MHz RF-EMF and various RF-EMF that simulated emissions from mobile phones. None of the chronic bioassays showed an increased incidence of any tumour type in tissues or organs of animals exposed to RF-EMF for 2 years. An increased

total number of malignant tumours was found in RF-EMF-exposed animals in one of the seven chronic bioassays. Increased cancer incidence in exposed animals was noted in two of 12 studies with tumour-prone animals^{12,13} and in one of 18 studies using initiation-promotion protocols.¹⁴ Four of six co-carcinogenesis studies showed increased cancer incidence after exposure to RF-EMF in combination with a known carcinogen; however, the predictive value of this type of study for human cancer is unknown. Overall, the Working Group concluded that there is “limited evidence” in experimental animals for the carcinogenicity of RF-EMF.

The Working Group also reviewed many studies with endpoints relevant to mechanisms of carcinogenesis, including genotoxicity, effects on immune function, gene and protein expression, cell signalling, oxidative stress, and apoptosis. Studies of the possible effects of RF-EMF on the blood-brain barrier and on a variety of effects in the brain were also considered. Although there was evidence of an effect of RF-EMF on some of these endpoints, the Working Group reached the overall conclusion that these results provided only weak mechanistic evidence relevant to RF-EMF-induced cancer in humans.

In view of the limited evidence in humans and in experimental animals, the Working Group classified RF-EMF as “possibly carcinogenic to humans” (Group 2B). This evaluation was supported by a large majority of Working Group members.

Robert Baan, Yann Grosse, Béatrice Lauby-Secretan, Fatiha El Ghissassi, Véronique Bouvard, Lamia Benbrahim-Tallaa, Neela Guha, Farhad Islami, Laurent Galichet, Kurt Straif, on behalf of the WHO International Agency for Research on Cancer Monograph Working Group International Agency for Research on Cancer, Lyon, France

We declare that we have no conflicts of interest.



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