

**CITY OF VAUGHAN**

**EXTRACT FROM COUNCIL MEETING MINUTES OF SEPTEMBER 17, 2013**

Item 16, Report No. 35, of the Committee of the Whole, which was adopted, as amended, by the Council of the City of Vaughan on September 17, 2013, as follows:

***By approving the following:***

***That the recommendations in accordance with Communication C5 from the Director of Engineering Services, dated September 12, 2013, be approved, as follows:***

- 1. That By-law 284- 94 Schedule "E" Part 1, the Speed Limit By-law, be amended to add that the speed limit be reduced from 50 km/h to 40 km/h on Valley Vista Drive from the east limit of Ilan Ramon Boulevard to the west limit of Bathurst Street;***
- 2. That By-law 284 - 94 Schedule "E" Part 1, the Speed Limit By-law, be amended to add that the speed limit be reduced from 50 km/h to 40 km/h on Ilan Ramon Boulevard from the south limit of Valley Vista Drive to the north limit of Rutherford Road;***
- 3. That By-law 284 - 94 Schedule "E" Part 1, the Speed Limit By-law, be amended to add that the speed limit be reduced from 50 km/h to 40 km/h on Lebovic Campus Drive from the east limit of Thomas Cook Avenue to the west limit of Bathurst Street;***
- 4. That By-law 284- 94 Schedule "E" Part 1, the Speed Limit By-law, be amended to add that the speed limit be reduced from 50 km/h to 40 km/h on Marc Santi Boulevard from the east limit of Ilan Ramon Boulevard to the west limit of Bathurst Street; and***

***That the report of the Commissioner of Engineering and Public Works and the Director of Engineering Services, dated September 3, 2013, be received.***

**16 SPEED LIMIT REDUCTION ON VALLEY VISTA DRIVE, ILAN RAMON BOULEVARD,  
LEBOVIC CAMPUS DRIVE AND MARC SANTI BOULEVARD IN BLOCK 11  
WARD 4**

**The Committee of the Whole recommends:**

- 1) That the recommendation contained in the following report of the Commissioner of Engineering and Public Works and the Director of Engineering Services, dated September 3, 2013, be approved; and**
- 2) That staff explore the feasibility of reducing the speed limit from 50 km/h to 40 km/h on the remainder of Ilan Ramon Avenue to Lebovic Campus Drive and on Lebovic Campus Drive to Thomas Cook Avenue.**

**Recommendation**

The Commissioner of Engineering and Public Works and the Director of Engineering Services recommends:

- 1. That By-law 284 – 94 Schedule “E” Part 1, the Speed Limit By-law, be amended to add that the speed limit be reduced from 50 km/h to 40 km/h on Valley Vista Drive from the east limit of Ilan Ramon Boulevard to the west limit of Bathurst Street.**
- 2. That By-law 284 – 94 Schedule “E” Part 1, the Speed Limit By-law, be amended to add that the speed limit be reduced from 50 km/h to 40 km/h on Ilan Ramon Boulevard from the south limit of Valley Vista Drive to the north limit of Gesher Crescent/Timna Crescent.**

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### **EXTRACT FROM COUNCIL MEETING MINUTES OF SEPTEMBER 17, 2013**

#### **Item 16, CW Report No. 35 – Page 2**

3. That By-law 284 – 94 Schedule “E” Part 1, the Speed Limit By-law, be amended to add that the speed limit be reduced from 50 km/h to 40 km/h on Lebovic Campus Drive from the east limit of Rumsey Road to the west limit of Bathurst Street.
4. That By-law 284 – 94 Schedule “E” Part 1, the Speed Limit By-law, be amended to add that the speed limit be reduced from 50 km/h to 40 km/h on Marc Santi Boulevard from the east limit of Ilan Ramon Boulevard to the west limit of Bathurst Street.

#### **Contribution to Sustainability**

The reduction of the speed limit to 40 km/h on portions of Valley Vista Drive, Ilan Ramon Boulevard, Lebovic Campus Drive and Marc Santi Boulevard will improve safety for the area residents and motorists in the vicinity of neighbouring parks and schools.

#### **Economic Impact**

To facilitate the speed reductions, a total of 34 signs will be required; comprising of 8 for Valley Vista Drive, 10 for Ilan Ramon Boulevard, 8 for Lebovic Campus Drive and 8 for Marc Santi Boulevard. The total cost associated with the installation of these signs is estimated to be approximately \$7000.00, and can be absorbed within the approved 2013 Operating Budget. The on-going costs to maintain the signs will be incorporated in future Operating Budgets.

#### **Communications Plan**

Staff will inform the area residents on the outcome of Council's decision on this matter.

#### **Purpose**

To review the feasibility of reducing the existing statutory 50 km/h speed limit on various roads in Block 11 that are adjacent to parkland, and school campuses to 40 km/h.

#### **Background - Analysis and Options**

Valley Vista Drive, Ilan Ramon Boulevard and Marc Santi Boulevard are minor collector roadways with a 23.0 metre right-of-way, an 11.5 metre pavement width, and sidewalks on both sides of the roads. Lebovic Campus Drive is a major collector roadway with a 26.0 metre right-of-way, a 14.0 metre pavement width, and sidewalks on both sides of the road. The existing speed limit on the subject streets are a statutory 50 km/h.

The Block 11 Transportation Management Plan identified 40 km/h zones on portions of Valley Vista Drive, Ilan Ramon Boulevard, Lebovic Campus Drive and Marc Santi Boulevard. The proposed 40 km/h reductions on the subject roads are in accordance with the Block 11 Transportation Management Plan.

#### **School campuses and parks were land uses identified as part of the planning within Block 11.**

The TanenbaumCHAT Kimel Education Centre occupies the lands bound by Lebovic Campus Drive to the north, Ilan Ramon Boulevard to the west, and Marc Santi Boulevard to the south. These lands also include Wood Valley Park at the northwest corner of Marc Santi Boulevard and Bathurst Street.

The Bialik Hebrew Day School is scheduled to open September 2013 and is located on the west side of Ilan Ramon Boulevard, opposite the TanenbaumCHAT Kimel Education Centre. Also within this parcel of land are community gardens operated by the Centre.

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### **EXTRACT FROM COUNCIL MEETING MINUTES OF SEPTEMBER 17, 2013**

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Ilan Ramon Boulevard between Lebovic Campus Drive and Marc Santi Boulevard has an existing 40 km/h school zone speed limit, due to the TanenbaumCHAT Kimel Centre fronting onto this road.

Pioneer Park is currently under construction and is scheduled to open in Fall 2013. The park is located on the south-east corner of Ilan Ramon Boulevard and Valley Vista Drive. In addition, a future elementary school is scheduled to open in September 2014 and will be located on the east side of Ilan Ramon Boulevard between Valley Vista Drive and Southvale Drive, just south of Pioneer Park.

**Recent studies have identified that the existing speeds and volumes are in good compliance with the existing speed limit and road capacities.**

Speed and volume data was collected during the week of July 29, 2013 on the subject roads. The average speeds range from 40 km/h to 51 km/h, indicating a good compliance to the existing 50 km/h speed limit.

Staff monitored traffic on the subject roads. The average daily traffic volumes range from 2041 to 5277 vehicles/day. The traffic volumes recorded at that time are typical of collector roads. As a result, staff concluded that the subject roads are operating within the guidelines of a collector road.

The technical summary can be found in Attachment No. 2.

**A reduction of the speed limit to 40 km/h on the subject roads will provide a safer environment for the surrounding land uses and have minimal impact on roadway operations.**

The surrounding land uses on Valley Vista Drive, Ilan Ramon Boulevard, Lebovic Campus Drive and Marc Santi Boulevard include a number of educational facilities and parks. Similar roads in Vaughan have reduced speed limits in recognition of these facilities.

The Highway Traffic Act in Section 128, Section (5) Rate of Speed permits that the Council of a Municipality may by bylaw designate a portion of a highway under its jurisdiction that adjoins the entrance or exit of a school, to prescribe a reduced rate of speed that is not lower than 40 km/h.

Given the adjacent traffic generators of both vehicular and pedestrian traffic, staff recommends a speed limit reduction to 40 km/h on the subject roads.

#### **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 to:

- 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.

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**EXTRACT FROM COUNCIL MEETING MINUTES OF SEPTEMBER 17, 2013**

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**Conclusion**

Based on Engineering Services staff's review, it is recommended that the speed limit on specified sections of Valley Vista Drive, Ilan Ramon Boulevard, Lebovic Campus Drive and Marc Santi Boulevard be reduced to a 40 km/h speed limit.

**Attachments**

1. Location Map
2. Technical Summary

**Report prepared by:**

Mark Ranstoller, C.E.T., Senior Traffic Technologist, Ext. 8726

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

(A copy of the attachments referred to in the foregoing have been forwarded to each Member of Council and a copy thereof is also on file in the office of the City Clerk.)

## **COMMITTEE OF THE WHOLE – SEPTEMBER 3, 2013**

### **SPEED LIMIT REDUCTION ON VALLEY VISTA DRIVE, ILAN RAMON BOULEVARD, LEBOVIC CAMPUS DRIVE AND MARC SANTI BOULEVARD IN BLOCK 11 WARD 4**

#### **Recommendation**

The Commissioner of Engineering and Public Works and the Director of Engineering Services recommends:

1. That By-law 284 – 94 Schedule “E” Part 1, the Speed Limit By-law, be amended to add that the speed limit be reduced from 50 km/h to 40 km/h on Valley Vista Drive from the east limit of Ilan Ramon Boulevard to the west limit of Bathurst Street.
2. That By-law 284 – 94 Schedule “E” Part 1, the Speed Limit By-law, be amended to add that the speed limit be reduced from 50 km/h to 40 km/h on Ilan Ramon Boulevard from the south limit of Valley Vista Drive to the north limit of Gesher Crescent/Timna Crescent.
3. That By-law 284 – 94 Schedule “E” Part 1, the Speed Limit By-law, be amended to add that the speed limit be reduced from 50 km/h to 40 km/h on Lebovic Campus Drive from the east limit of Rumsey Road to the west limit of Bathurst Street.
4. That By-law 284 – 94 Schedule “E” Part 1, the Speed Limit By-law, be amended to add that the speed limit be reduced from 50 km/h to 40 km/h on Marc Santi Boulevard from the east limit of Ilan Ramon Boulevard to the west limit of Bathurst Street.

#### **Contribution to Sustainability**

The reduction of the speed limit to 40 km/h on portions of Valley Vista Drive, Ilan Ramon Boulevard, Lebovic Campus Drive and Marc Santi Boulevard will improve safety for the area residents and motorists in the vicinity of neighbouring parks and schools.

#### **Economic Impact**

To facilitate the speed reductions, a total of 34 signs will be required; comprising of 8 for Valley Vista Drive, 10 for Ilan Ramon Boulevard, 8 for Lebovic Campus Drive and 8 for Marc Santi Boulevard. The total cost associated with the installation of these signs is estimated to be approximately \$7000.00, and can be absorbed within the approved 2013 Operating Budget. The on-going costs to maintain the signs will be incorporated in future Operating Budgets.

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Speed and volume data was collected during the week of July 29, 2013 on the subject roads. The average speeds range from 40 km/h to 51 km/h, indicating a good compliance to the existing 50 km/h speed limit.

Staff monitored traffic on the subject roads. The average daily traffic volumes range from 2041 to 5277 vehicles/day. The traffic volumes recorded at that time are typical of collector roads. As a result, staff concluded that the subject roads are operating within the guidelines of a collector road.

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Given the adjacent traffic generators of both vehicular and pedestrian traffic, staff recommends a speed limit reduction to 40 km/h on the subject roads.

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### **Regional Implications**

Not Applicable.

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### **Attachments**

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### **Report prepared by:**

Mark Ranstoller, C.E.T., Senior Traffic Technologist, Ext. 8726  
Vince Musacchio, P. Eng., PMP, Manager of Capital Planning and Infrastructure, ext. 8311

Respectfully submitted,

Paul Jankowski, P. Eng.  
Commissioner of Engineering and Public Works

Jack Graziosi, P. Eng.  
Director of Engineering Services

MR: mm



# ATTACHMENT 1

## LOCATION MAP



### PROPOSED SPEED LIMIT REDUCTIONS BLOCK 11

#### LEGEND

 Proposed 40 km/h Speed Limits

Note: Aerial Photography Taken in Spring, 2012





## ATTACHMENT NO. 2

### Technical Summary of Valley Vista Drive, Ilan Ramon Boulevard, Lebovic Campus Drive and Marc Santi Boulevard

#### **Vehicular Speeds and Volumes**

Utilizing Automatic Traffic Recorders (ATRs), Engineering Services staff collected the traffic speed and volume data over a 24-hour time period, listed below during the week of July 29, 2013 to August 2, 2013.

- Valley Vista Drive between Ilan Ramon Boulevard and Southdown Avenue
- Ilan Ramon Boulevard between Atlus Park Drive and Southvale Drive
- Lebovic Campus Drive between Asner Avenue and Geshner Crescent
- Marc Santi Boulevard between Ilan Ramon Boulevard and Bathurst Street

<b>Direction</b>	<b>Posted Speed Limit</b>	<b>Average Speed</b>	<b>Average 24-Hour Volume</b>
Valley Vista Drive between Ilan Ramon Boulevard and Southdown Avenue			
Eastbound	50 km/h	51 km/h	1670
Westbound	50 km/h	50 km/h	1249
Ilan Ramon Boulevard between Atlus Park Drive and Southvale Avenue			
Northbound	50 km/h	46 km/h	2632
Southbound	50 km/h	44 km/h	2491
Lebovic Campus Drive between Asner Avenue and Geshner Crescent			
Eastbound	50 km/h	43 km/h	2220
Westbound	50 km/h	41 km/h	3057
Marc Santi Boulevard between Ilan Ramon Boulevard and Bathurst Street			
Eastbound	50 km/h	47 km/h	957
Westbound	50 km/h	40 km/h	1084

The average speeds range from 40 km/h to 51 km/h indicating a good compliance to the existing 50 km/h speed limit. According to the Geometric Design Guide for Canadian roads, roads with this classification can accommodate up to 8,000 vehicles/day. The average daily traffic volumes range from 2041 to 5277 vehicles/day which is within the capacity of a collector roadway.