

CITY OF VAUGHAN

EXTRACT FROM COUNCIL MEETING MINUTES OF JUNE 7, 2016

Item 9, Report No. 24, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on June 7, 2016.

9

**RIGHT TURN PROHIBITION REVIEW
ILAN RAMON BOULEVARD AT YARDEN DRIVE
WARD 4**

The Committee of the Whole recommends approval of the recommendation contained in the following report of the Deputy City Manager of Public Works and the Director of Transportation Services, Parks and Forestry Operations, dated May 31, 2016:

Recommendation

The Deputy City Manager of Public Works and the Director of Transportation Services, Parks and Forestry Operations recommend:

1. That a By-law be enacted to amend By-law 284-94, the Consolidated Traffic By-law, to add a southbound 'No Right Turn' turn prohibition from Ilan Ramon Boulevard to Yarden Drive from 8:30am to 9:30am, Monday to Friday.

Contribution to Sustainability

This report contributes to the goals and objectives within Green Directions Vaughan, The City's Community Sustainability and Environmental Master Plan, specifically:

Goal 3: To ensure that Vaughan is a city that is easy to get around with a low environmental impact.

Objective 3.2: To develop and sustain a network of roads that supports efficient and accessible public and private transit.

Economic Impact

The cost associated with the installation of the 'No Right Turn' signage has been included within the approved 2016 Operating Budget. The ongoing costs to maintain the signage will be incorporated into future year operating budgets.

Communications Plan

Staff will advise area residents of the outcome of Council's decision in this matter. Staff will notify both school boards that this turn prohibition will impact school bus routes on Yarden Drive. Staff will also notify York Regional Police, and request enforcement of this prohibition.

Purpose

To review the feasibility of implementing a southbound 'No Right Turn' turn prohibition from Ilan Ramon Boulevard to Yarden Drive, 8:30am to 9:30am, Monday to Friday.

Background – Analysis and Options

Yarden Drive is a local roadway with a 17.5 metre right-of-way, and an 8.0 metre pavement width. The speed limit is a statutory 50 km/h and no sidewalks exist on either side of Yarden Drive.

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There are two primary schools in the area, Nellie McClung Public School and Anne Frank Public School. Nellie McClung Public School is located on Thomas Cook Avenue, north of Lebovic Campus Drive. Anne Frank Public School is located on Ilan Ramon Boulevard, south of Valley Vista Drive. The area is shown in Attachment No.1.

A review of traffic infiltration activity was conducted on Yarden Drive.

Staff received a request from a resident to review traffic infiltration on Yarden Drive. Residents contend that drivers are cutting through Yarden Drive to/from Ilan Ramon Boulevard and Lebovic Campus Drive.

On October 21, 2015, staff conducted traffic studies to review traffic infiltration activity on Yarden Drive during the weekday morning and afternoon periods, that correspond to school times.

Staff reviewed the infiltration traffic activity for a typical weekday on Yarden Drive. The results are summarized in the table below.

Time	Infiltration Pattern	No. of Vehicles Entering	No. of Vehicles Infiltrating
8:30am to 9:30am	Southbound right turns from Ilan Ramon Boulevard to Yarden Drive	26	21
	Eastbound left turns from Lebovic Campus Drive to Yarden Drive	0	0
3:00pm to 4:00pm	Southbound right turns from Ilan Ramon Boulevard to Yarden Drive	12	4
	Eastbound left turns from Lebovic Campus Drive to Yarden Drive	3	0

The results indicate that the amount of 'cut-through' traffic on Yarden Drive from southbound Ilan Ramon Boulevard to Lebovic Campus Drive was higher in the morning period than in the afternoon. There were no vehicles taking Yarden Drive as short-cut route from Lebovic Campus Drive to Ilan Ramon Boulevard.

With Yarden Drive being a local road that functions to service residential traffic, to improve safety in the community, infiltration traffic is encouraged to remain on the surrounding collector roads.

A possible reason drivers take Yarden Drive as a short-cut route is traffic congestion at the all-way stop controlled intersection of Ilan Ramon Boulevard and Lebovic Campus Drive.

To reduce traffic infiltration on Yarden Drive, a southbound 'No Right Turn' turn prohibition was considered at the intersection of Ilan Ramon Boulevard and Yarden Drive. However, the right-turn prohibition would impact the residents of Yarden Drive, as turn prohibitions impact residents and non-residents equally.

Resident Survey

Staff undertook a survey of local residents seeking opinion for a southbound 'No Right Turn' turn prohibition from Ilan Ramon Boulevard to Yarden Drive from 8:30am to 9:30am, Monday to Friday.

The survey was delivered on February 10, 2016 to area residents on Yarden Drive. The results are summarized in the table below.

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Survey	Total Number	Percent
Delivered Homes	34	100%
Resident Responses	28	82%
Responses in favour	28	82%

82% of residents responded in favour of the turn prohibition. In comparison to the City's Traffic Calming Policy and Procedure, a 75% response rate from delivered homes and a 75% approval rate that support and agree to the proposal must be received. Based on the survey results, it is recommended that the southbound 'No Right Turn' turn prohibition on Ilan Ramon Boulevard at Yarden Drive be installed.

Relationship to Term of Council Service Excellence Strategy Map (2014-2018)

In consideration of the strategic priorities related to Term of Council Service Excellence Strategy Map (2014-2018), the recommended southbound "No Right Turn" turn prohibition from Ilan Ramon Boulevard to Yarden Drive will improve traffic operations and safety for all road users, thus promoting community safety, health and wellness.

Regional Implications

Not Applicable.

Conclusion

A southbound 'No Right Turn' turn prohibition is recommended from Ilan Ramon Boulevard to Yarden Drive from 8:30am to 9:30am, Monday to Friday to increase safety for the community and assist in maintaining the local road use for Yarden Drive.

Attachment

1. Location Map

Report prepared by:

David Fan, Traffic Analyst, Ext. 6148

Margie Chung, Manager, Traffic Engineering, Ext. 6173

(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.)

**RIGHT TURN PROHIBITION REVIEW
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Recommendation

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Report prepared by:

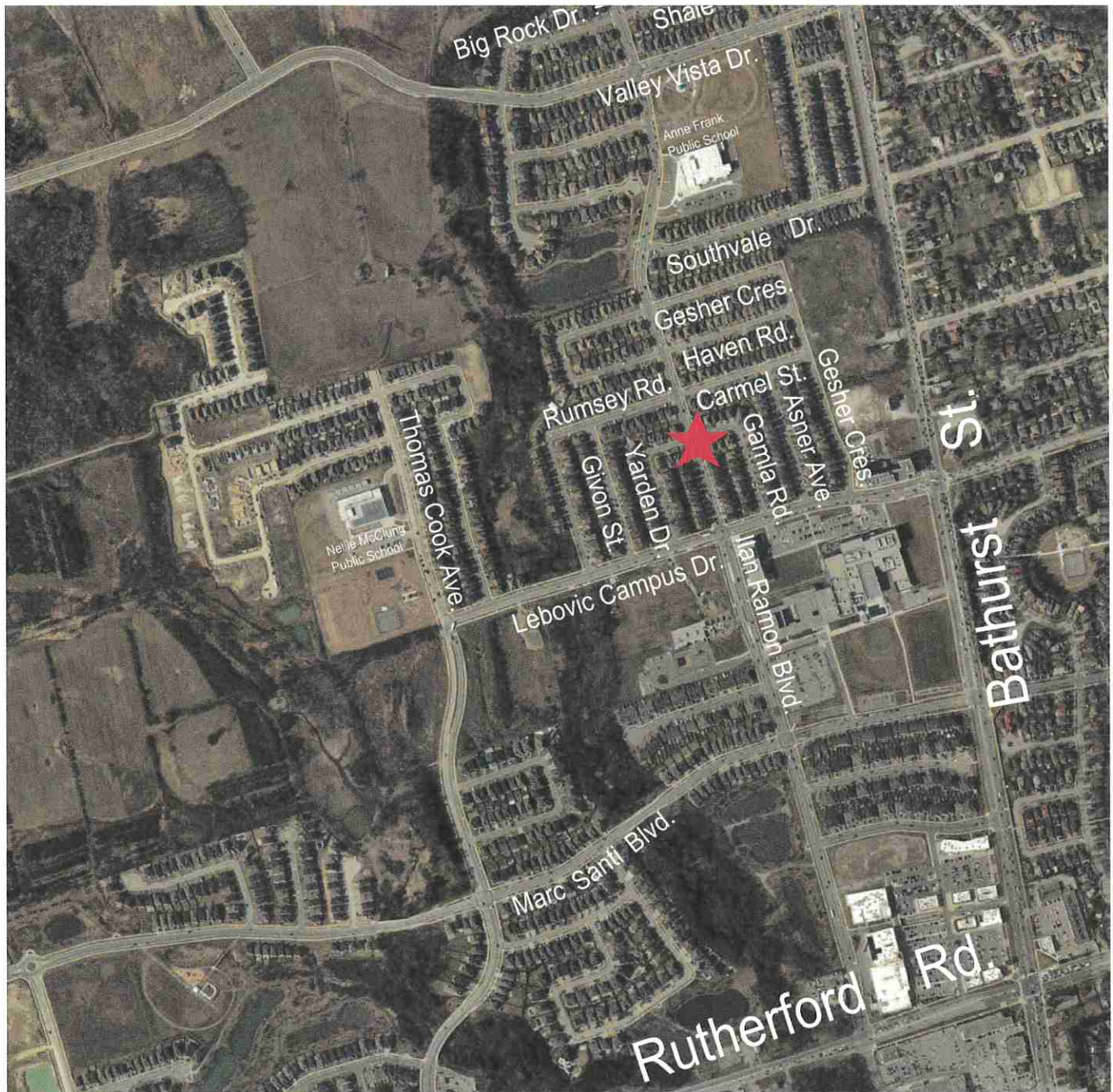
David Fan, Traffic Analyst, Ext. 6148
Margie Chung, Manager, Traffic Engineering, Ext. 6173

Respectfully submitted,

Paul Jankowski
Deputy City Manager of Public Works

Zoran Postic
Director of Transportation Services,
Parks and Forestry Operations

ATTACHMENT No. 1

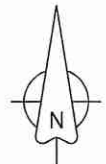


LOCATION MAP RIGHT-TURN PROHIBITION REVIEW IIAN RAMON BLVD. AND YARDEN DR. / GAMLA RD.

LEGEND



PROPOSED SOUTHBOUND "NO RIGHT-TURN" TURN PROHIBITION
MONDAY TO FRIDAY 8:30AM – 9:30AM



NOT TO SCALE