

## Committee of the Whole (2) Report

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**DATE:** Tuesday, March 8, 2022

**WARD(S):** ALL

**TITLE:** 2022 SPEED LIMIT REVISIONS ON CITY ROADWAYS

**FROM:**

Zoran Postic, Deputy City Manager, Public Works

**ACTION:** DECISION

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**Purpose**

To seek Council approval to implement speed limit revisions on Cunningham Drive, Carron Avenue, David Todd Avenue, Terra Road, Via Campanile, Chatfield Drive, Via Romano Boulevard, Ilan Ramon Boulevard, North Park Road, and Campbell Avenue based on the City's Speed Limit Policy and to promote speed consistency that will address road safety for all road users and improve traffic operations.

**Report Highlights**

- On June 22, 2021, Council approved a Speed Limit Policy (the Policy) that provides guidelines to ensure a consistent approach in setting speed limits throughout the City's road network to address the growing urbanization and to ensure safety for all road users.
- Posted speed limit reductions from 50 km/h to 40 km/h were examined for a selection of city roadways based on operational concerns.
- A speed limit reduction of 40 km/h on ten City roadways is recommended based on the criteria set in the Policy.
- As part of the MoveSmart Mobility Management Strategy, a speed limit revision report will be provided to Council annually based on network screening analysis.

## **Recommendations**

1. That Council approve the speed limit revisions listed for the 40 km/h speed limit in Attachment 1;
2. That By-laws be enacted to amend By-law 284-94, the Consolidated Traffic By-Law, authorizing the speed limit revisions listed in Attachment 1 for 40 km/h speed limits; and
3. That the City Clerk forward a copy of this report to the York Regional Police.

## **Background**

**Council approved the Speed Limit Policy to ensure a consistent approach in setting speed limits on City roadways.**

At the June 22, 2021, Council meeting, Council approved the Speed Limit Policy (the Policy) to ensure safety for all road users. The Policy includes guidelines to ensure a consistent approach in setting speed limits throughout the City's road network that considers growth, urbanization, and the specific roadway environment and characteristics. The Policy proposes a reduced speed limit of 40 km/h, generally associated with school zone areas, local roads and minor collectors.

**Operational concerns from the community identified the need to assess the speed limits on ten City roadways.**

Operational concerns from the community identified the need to assess the speed limits on Cunningham Drive, Carron Avenue, David Todd Avenue, Terra Road, Via Campanile, Chatfield Drive, Via Romano Boulevard, Ilan Ramon Boulevard, North Park Road, and Campbell Avenue. These roadways currently have a statutory speed of 50 km/h.

## **Previous Reports/Authority**

Traffic By-Law 284-94:

[Consolidated Traffic By-law 284-94](#)

Establishing Speed Limits on City Roadways, Extract from Council meeting of June 22, 2021 (Item 1, Report No. 31):

<https://pub-vaughan.escibemeetings.com/filestream.ashx?DocumentId=78914>

MoveSmart – Mobility Management Strategy, Extract from Council meeting of March 10, 2021 (Item 1, Report No. 10):

[filestream.ashx \(escibemeetings.com\)](#)

## **Analysis and Options**

**The Policy provides the ability to assess roadways in built-up/urban areas for a reduced speed limit of 40 km/h based on certain criteria.**

For roadways in built-up/urban areas, the 50 km/h statutory speed limit is prescribed by the Highway Traffic Act (HTA), unless otherwise posted. The Policy provides the ability to assess all urban roads for reduced posted speed limits of 40 km/h when certain criteria are met.

Based on the Transportation Association of Canada (TAC) Guidelines, the Policy identifies the following key elements in determining appropriate roadway speed limits:

- Roadway widths
- Operating speeds
- On-street parking
- Pedestrian environment
- Cycling environment

Speed limits in built-up/urban areas are reviewed on a case-by-case basis as required and subject to the criteria set in the Policy. A speed limit should be set that promotes compliance and driver awareness.

**Speed limit revisions are proposed on ten City roadways to improve road safety for all road users and improve overall traffic operations.**

Proposed speed limit revisions on city roadways are detailed in Table 1 based on an analysis of roadway characteristics, roadway geometry, and the pedestrian environment. Speed limit revisions also take into consideration the needs of our most vulnerable road users, such as pedestrians and cyclists, particularly in areas where pedestrian activity is high.

Other factors taken into consideration when assessing roads for speed limit revisions includes proximity to schools and parklands, pedestrian infrastructure, local residential road classification, and on street parking. Maps of these locations are included as Attachments 2 to 9.

**Table 1: Roadways with recommended speed limit revisions**

<b>Road / Road Section</b>	<b>Ward</b>	<b>Road Characteristics</b>	<b>Proposed speed limit</b>	<b>Justification</b>
Cunningham Drive – entire road	1	Minor Collector Road, 11.5m pavement width is reduced to 8.0m pavement width with painted narrowing lines	40 km/h	<ul style="list-style-type: none"> <li>• Adjacent to Divine Mercy Catholic Elementary School and Maple Lions Park. Leads to St. Joan of Arc Catholic Secondary School and Maple Child Care Services</li> <li>• Roadway environment and to accommodate all road users</li> </ul>
Carron Avenue – entire road	1	Local Road, 8.0m pavement width On-street parking	40 km/h	<ul style="list-style-type: none"> <li>• Leads to Michael Cranny Elementary School</li> <li>• Roadway environment and to accommodate all road users.</li> </ul>
David Todd Avenue – entire road	2	Local Road, 8.0m pavement width On-street parking	40 km/h	<ul style="list-style-type: none"> <li>• Community trail to Sonoma Heights community park crosses street</li> <li>• Roadway environment and to accommodate all road users</li> </ul>
Terra Road – Guery Crescent to Tall Grass Trail	2	Local Road, 8.0m pavement width Sidewalk on one side of the road On-street parking exist	40 km/h	<ul style="list-style-type: none"> <li>• Speed consistency with existing 40 km/h zone for St. Catherine of Siena Catholic Elementary School</li> <li>• Roadway environment and to accommodate all road users.</li> </ul>
Via Campanile – Davos Road to Grand Vellore Crescent	3	Minor Collector Road, 11.5m pavement width	40 km/h	<ul style="list-style-type: none"> <li>• Adjacent to Pierre Berton Public School and St. Michael of the Archangel Catholic Elementary School</li> <li>• To promote speed consistency and to accommodate all road users.</li> </ul>

Road / Road Section	Ward	Road Characteristics	Proposed speed limit	Justification
Chatfield Drive – Poetry Drive to Antorisa Avenue, and 150m east of Lawford Road to Weston Road	3	Minor Collector Road, 11.5m pavement width	40 km/h	<ul style="list-style-type: none"> <li>• Adjacent to Guardian Angels Catholic Elementary School and Chatfield District Park</li> <li>• To promote speed consistency and to accommodate all road users.</li> </ul>
Via Romano Boulevard - Teston Road to Dimarino Drive, and Straw Cutter Gate to Major Mackenzie Drive	4	Minor Collector Road, 11.5m pavement width is reduced to 8.0m pavement width with painted narrowing lines	40 km/h	<ul style="list-style-type: none"> <li>• Adjacent to several schools and park areas.</li> <li>• To promote speed consistency and improve traffic operations to accommodate all road users.</li> </ul>
Ilan Ramon Boulevard – Major Mackenzie Drive to Valley Vista Drive	4	Minor Collector Road, 11.5m pavement width is reduced to 8.0m pavement width with painted narrowing lines	40 km/h	<ul style="list-style-type: none"> <li>• Adjacent to several schools and park areas.</li> <li>• To promote speed consistency and to accommodate all road users</li> </ul>
North Park Road – entire road	5	Local Road, 8.0m pavement width Sidewalks exist on both sides of the roadway On-street parking	40 km/h	<ul style="list-style-type: none"> <li>• Adjacent to Thornhill Green Park</li> <li>• Roadway environment and to accommodate all road users including pedestrians and cyclists.</li> </ul>
Campbell Avenue – Rodeo Drive to south limit of Campbell Avenue	5	Local Road, 8.0m pavement width Sidewalk varies from one side of the roadway to both sides On-street parking exist	40 km/h	<ul style="list-style-type: none"> <li>• Pedestrian connection to Spring Gate Boulevard and to Bathurst Estates Park</li> <li>• Roadway environment and to accommodate all road users</li> </ul>

The proposed speed limit revisions on these subject roads are recommended based on the principles of the Policy.

**A speed limit revision report will be provided annually based on network screening analysis as part of the MoveSmart Mobility Management Strategy.**

City staff will continue to work with citizens, York Regional Police and other stakeholders to address road safety for all road users. A speed limit revision report will be provided annually based on network screening analysis as part of the MoveSmart Mobility Management Strategy; the principles of which are centered around road safety, mobility, and sustainability.

**Financial Impact**

The estimated cost associated with the installation of the speed limit signs for roadways with a speed reduction from 50 km/h to 40 km/h is \$6,600. Funding is supported in the approved 2022 capital budget. The on-going cost to maintain the signs will be incorporated into future year operating budgets.

**Broader Regional Impacts/Considerations**

York Regional Police will be responsible for enforcing speed limit compliance. Staff will continue to work closely with York Regional Police to develop public education and enforcement strategies as both are essential components to achieve speed compliance.

Through the implementation of the Policy under the MoveSmart Mobility Management Strategy, staff will continue to actively engage with the Region on road safety initiatives which will support the road safety strategic plans both at the Municipal and Regional levels.

**Conclusion**

Based on the criteria outlined in the Policy and to promote speed consistency that will improve road safety and traffic operations, staff recommends implementing a speed limit of 40 km/h on the subject roads. Pending Council approval, a By-Law amendment will be prepared for the speed revision.

**For more information**, please contact Peter Pilateris, Director of Transportation and Fleet Management Services, ext. 6141

## **Attachments**

1. List of roadways for speed limit reduction
2. Location Map Cunningham Drive, Carron Avenue
3. Location Map David Todd Avenue
4. Location Map Terra Road
5. Location Map Via Campanile
6. Location Map Chatfield Drive
7. Location Map Via Romano Boulevard, Ilan Ramon Boulevard
8. Location Map North Park
9. Location Map Campbell Avenue

## **Prepared by**

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## **Approved by**



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