



SUBJECT: Speed Limit Installations

TO: Committee of the Whole

FROM: Transportation Services

Report Number: TS-17-18

Wards Affected: 1, 3, 4, 5 and 6

File Numbers: 750-19-03

Date to Committee: December 10, 2018

Date to Council: December 17, 2018

Recommendation:

Approve the amendment to Traffic By-Law 86-2007 as noted in Appendix A to transportation department report TS-17-18.

Purpose:

Installation of warranted 40km/h speed limits as per the Council approved Speed Limit Policy and by-law amendments for the flashing 40km/h school zone speed limits.

A City that Moves

- Increased Transportation Flows and Connectivity

Background and Discussion:

40 km/h speed limit requests

Staff has reviewed 11 streets at the request of residents to determine if a reduced 40km/h speed limit is warranted. Staff also reviewed additional roadways near any warranted 40km/h street to ensure a consistent speed limit is in place for the neighbourhood.

To determine the appropriate speed limit for a roadway, staff utilize the Transportation Association of Canada's Speed Limit Guidelines Calculation Sheet as part of the revised Speed Limit Policy, adopted by Council in 2012. Through this review staff has determined that the roadways outlined in Appendix A meet the Speed Limit Policy criteria to implement a reduced speed limit:

New Street Flashing 40km/h School Zone

Staff has determined that the New Street flashing 40km/h school zone from Timber Lane to Meadowhill Road needs to be extended to the east. This will increase safety by reducing vehicle speeds before Meadowhill Road and will ensure a police officer can see the back side flashing beacon for enforcement purposes. The required changes to this flashing 40km/h school zone will be reflected in the amending by-law presented to Council for approval.

Financial Matters:

The estimated cost to install the necessary speed limit signage is \$ 4,000.00.

Source of Funding

The proposed works are to be funded through Capital Order TC0037.

Public Engagement Matters:

All residents on each roadway will be notified of the warranted 40km/h speed limit and anticipated installation date.

Conclusion:

Based on the Council approved Speed Limit Policy, a speed limit reduction is warranted for the roadways outlined within Appendix A. These speed limit changes will result in speed limits that better match the expectation of road users, provide consistency in the application of speed limits and are compatible with the physical characteristics of the roadway and road classification.

Staff has also determined that the New Street flashing 40km/h school zone between Timber Lane and Wedgwood Drive needs to be extended to the east and the required amendment to Traffic By-Law 86-2007, Schedule 13 is outlined in Appendix A.

Respectfully submitted,

Brent Jefferson

Traffic Technologist

(905) 335-7671, ext 7760

Appendices:

- A. By-Law 86-2007 Amendment -Schedule "13" – Rates of Speed

Report Approval:

All reports are reviewed and/or approved by Department Director, Director of Finance and Director of Legal. Final approval is by the City Manager.

APPENDIX A

Traffic Bylaw 86-2007 Amendments
Schedule "13" (Rates of Speed)

Table 1 – Warranted 40 km/h Speed Limits				
HIGHWAY	LOCATION FROM	LOCATION TO	SPEED LIMIT	TIMES OR DAYS
Oaklands Park Court	LaSalle Park Road	West Limit	40km/h	Anytime
Tassie Road	Thomas Alton Boulevard	Hopkins Drive	40km/h	Anytime
Keystone Crescent	Thomas Alton Boulevard	Hopkins Drive	40km/h	Anytime
Ashlar Crescent	Thomas Alton Boulevard	Hopkins Drive	40km/h	Anytime
Kurtz Road	Thomas Alton Boulevard	Hopkins Drive	40km/h	Anytime
Foundation Gate	Thomas Alton Boulevard	Irena Avenue	40km/h	Anytime
Irena Avenue	Foundation Gate	Doug Wright Drive	40km/h	Anytime
Hopkins Drive	Thomas Alton Boulevard	Doug Wright Drive	40km/h	Anytime
Gillingham Drive	Malcolm Crescent	Arnold Crescent	40km/h	Anytime
Arnold Crescent	Gillingham Drive	Malcolm Crescent	40km/h	Anytime
Kirkburn Drive	Malcolm Crescent	Cavendish Drive	40km/h	Anytime
Abbotsbury Street	Kirkburn Drive	Kirkburn Drive	40km/h	Anytime
Queen Mary Avenue	St. Matthew's Avenue	West limit	40km/h	Anytime
St. Matthew's Avenue	Plains Road East	North limit	40km/h	Anytime
Clearview Avenue	Plains Road East	North limit	40km/h	Anytime
Blue Forest Hill	Pinedale Avenue	Bridle Wood	40km/h	Anytime

Idlewood Crescent	Bridle Wood	Bridle Wood	40km/h	Anytime
Bridle Wood	Blue Forest Hill	Pinedale Avenue	40km/h	Anytime
Cottonwood Drive	Appleby Line	Tuck Drive	40km/h	Anytime
Patricia Drive	Plains Road West	Unsworth Avenue	40km/h	Anytime
Gorton Avenue	Plains Road West	Patricia Drive	40km/h	Anytime
Woodview Road	Rexway Drive	Fairview Street	40km/h	Anytime
Stephanie Street	Scarlett Crescent	Longmoor Drive	40km/h	Anytime
Chrisdon Road	Jordon Avenue	Cleaver Avenue	40km/h	Anytime
Sandy Lane	Chrisdon Road	Cleaver Avenue	40km/h	Anytime
New Street	71 metres east of Timber Lane	26 meters east of Meadowhill Road	40km/h	7:35am – 9:20am 12:05pm – 1:15pm 2:35pm – 4:15pm