



Report to: Development Services Committee

Meeting Date: November 8, 2021

SUBJECT: Main Street Unionville Speed Limit Reduction, South of Highway 7 (Ward 3)

PREPARED BY: David Porretta, Manager, Traffic Engineering
Loy Cheah, Sr. Manager, Transportation

RECOMMENDATION:

1. That the report entitled, “Main Street Unionville Speed Limit Reduction, South of Highway 7 (Ward 3)” be received; and
2. That the Speed Limit by-law 2017-104 be amended to reduce the speed limit on Main Street Unionville, south of Highway 7, from 50 km/h to 40 km/h, as described in the attached bylaw amendment; and
3. That the Operations Department be directed to install the appropriate signs at the subject locations; and
4. That the cost of materials and installation for the traffic signs in the amount of \$1,200, be funded from capital project #083-5350-21178-005 (Traffic Operational Improvements); and
5. That York Regional Police be requested to enforce the revised speed limit upon installation of the regulatory signs and passing of the By-law; and further
6. That staff be authorized and directed to do all things necessary to give effect to this resolution.

PURPOSE:

This report recommends reducing the speed limit on Main Street Unionville, south of Highway 7, from 50 km/h to 40 km/h. This speed reduction is necessary to maintain a consistent approach to how speed limits are applied in the City and to improve safety for all road users traveling through the corridor.

BACKGROUND:

In June 2021, the Ward 3 Councillor contacted Engineering staff, requesting that the current 50 km/h speed limit on Main Street Unionville, south of Highway 7, be reviewed, and that consideration be given to reducing the speed limit to 40 km/h.

Main Street Unionville, south of Highway 7, is a minor residential collector road. The road cross-section consists of one vehicular travel lane in each direction, reserved bicycle lanes for each direction, and lay-by parking facilities on both sides of the street.

Sidewalks are provided on both sides of the street. The average daily traffic (ADT) volume is 9,100 vehicles and the posted speed limit is 50 km/h.

From Richard Maynard Crescent south to Enterprise Boulevard, Main Street Unionville passes through the school zone for Bill Crothers Secondary School. Main Street Unionville then progresses south of Enterprise Boulevard, along the eastern side of the Pan-Am Centre, where the street ends in a cul-de-sac. An illustration of the subject area can be referred to in Attachment “A”.

DISCUSSION:

Throughout the City, 2-lane residential collector roads (and most 4-lane residential collector roads) passing through a school zone have a posted speed limit of 40 km/h. The current 50 km/h speed limit on Main Street Unionville, through the Bill Crothers Secondary School Zone, is inconsistent with this practice. In order to ensure a consistent application of speed limits in school zones, City staff recommend that the posted speed limit on Main Street Unionville, from Highway 7 to the southerly limit, be reduced to 40 km/h. The reduction will improve safety through this corridor, strengthen active school travel activities and be consistent with other school zones.

FINANCIAL CONSIDERATIONS

The cost of materials and installation for the replacement of the existing speed limit signs and in-road flexible sign posts, not exceeding \$1,200, will be funded from capital project #083-5350-21178-005 (Traffic Operational Improvements). On-going maintenance costs will be managed within the Operations Department’s existing operating budget.

HUMAN RESOURCES CONSIDERATIONS

Not applicable.

ALIGNMENT WITH STRATEGIC PRIORITIES:

The recommendations identified within this report align with the strategic focus for a Safe & Sustainable Community, through the ongoing management of the City’s transportation network.

BUSINESS UNITS CONSULTED AND AFFECTED:

Operations Department has been circulated this report, and acknowledges the operating impacts associated with the additional regulatory signs.

RECOMMENDED BY:

Frank Clarizio, P.Eng
Director, Engineering

Arvin Prasad, MPA, RPP, MCIP
Commissioner, Development Services

ATTACHMENTS:

Attachment “A” – Main Street Unionville Location Map
Attachment “B” – Speed Limit By-Law Amendment