

DATE OF MEETING NOVEMBER 16, 2020
AUTHORED BY BARBARA THOMAS, ASSISTANT MANAGER, TRANSPORTATION
SUBJECT **LOST LAKE ROAD TRAFFIC CALMING UPDATE**

OVERVIEW

Purpose of Report:

To provide Council with updated information regarding the status of the traffic calming project on Lost Lake Road.

BACKGROUND

Lost Lake Road was constructed prior to amalgamation, and its function has shifted from a low volume rural connector to a high function neighbourhood collector. With the pattern and standards of development of the day, Lost Lake Road has not kept pace with modern community mobility corridor expectations. Because of this shift, it no longer meets community needs, especially with respect to pedestrian use. The residents on Lost Lake Road have expressed concerns about driver behaviour, pedestrian needs, and transportation safety for many years.

Traffic data collection showed traffic speeds exceeded thresholds identified in the City's Neighbourhood Traffic Calming Guidelines. In addition to data collection, Staff explored whether shoulder widening and/or sidewalks could be cost-effectively installed. The Staff reviews indicated shoulders and sidewalks are cost prohibitive at this time.

At its regular May 4, 2020 meeting, Council directed Staff to develop a traffic calming design to address the poor driving behaviour.

DISCUSSION

Staff have been examining what measures would be most effective for the situation on Lost Lake Road. Based on existing traffic conditions, Staff considered speed humps to be an effective strategy for moderating travel speeds. Other measures are also being considered, including traffic calming curbs and traffic circles. Speed humps, in combination with these additional measures, are anticipated to moderate speeds, while seeking to minimize inconvenience for legitimate road users using Lost Lake Road to access their neighbourhood. Whatever traffic calming features are chosen, the installation is intended be a pilot project and can be modified if less than effective.

Residents were surveyed regarding whether they support the use of speed humps. The survey was provided both in paper form and online. Of the 200 responses, approximately 75% of residents support the use of speed humps to control speeds on Lost Lake Road.

In addition to the survey, Staff have created a webpage, set up an email address for residents to use to share their thoughts and concerns, and created an email list for residents who wish to receive regular updates. These opportunities for input have been well used, and Staff continue to receive feedback from the neighbourhood. |

NEXT STEPS

A preliminary concept is shown in the attachment. It includes temporary speed humps and traffic calming curbs, spaced at 300 metres which is roughly 20 seconds apart. A phased approach may be incorporated with works starting at the east end of Lost Lake Road where the data showed speeding was at its highest. The layout is very preliminary and will be further proofed in the field to ensure the traffic calming features fit between driveways, are clearly visible, and highly effective for speed control.

At the next phase of design, the concept will be shared both with stakeholders internal to the City, and with the residents. Once the design is finalized, the works will be installed in the field as a pilot project. The temporary measures will be installed in the next three months, weather permitting. Depending on public reception, the works can be made permanent, modified or removed, in the summer of 2021.

The estimated costs, at this point, are \$65,000 for the pilot project. Funding will be sourced within the current approved Financial Plan. |

SUMMARY POINTS

- Approximately 75% of the Lost Lake Road residents support the use of speed humps to control speeds on Lost Lake Road.
- The preliminary concept will be shared with residents for feedback.
- The initial traffic calming installations will be temporary and may become permanent if proved effective.
- The cost estimate for the pilot project is \$65,000 with funding currently in the approved Financial Plan.

ATTACHMENTS

Attachment A - Preliminary Concept Plan of Traffic Calming on Lost Lake Road |

Submitted by:

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Concurrence by:

Poul Rosen
Director, Engineering |