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Town of Aurora

Committee of the Whole Report

No. PDS26-003

Subject: Traffic Calming Requests on Limeridge Street and Gateway Drive

Prepared by: Michael Ha, Transportation and Traffic Analyst

Department: Planning and Development Services

Date: January 13, 2026

Recommendation

1. That Report No. PDS26-003 be received for information.

Executive Summary

This report presents the results of traffic calming assessments completed on Limeridge Street and Gateway Drive.

- Based on the requirements outlined in the Traffic Calming Policy, traffic calming measures are not warranted at the subject locations on Limeridge Street and Gateway Drive.

Background

In response to requests received from area residents, staff have undertaken a traffic calming assessment on Limeridge Street and Gateway Drive (Attachment 1).

Town staff completed traffic calming warrant analyses following the procedures and methodologies outlined in the Town's Traffic Calming Policy at the following locations:

- Limeridge Street between Gateway Drive and Kirkvalley Crescent
- Gateway Drive between Pedersen Drive and Earl Stewart Drive/Birkshire Drive

Analysis

Based on the requirements outlined in the Traffic Calming Policy, traffic calming measures are not warranted at the subject locations on Limeridge Street and Gateway Drive.

Existing Road Conditions

| | |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Limeridge Street: | Is a two-lane local road with single lane per travel direction. It has an urban cross-section with curbs on both sides of the road and sidewalks provided along the south side of the road. The existing pavement is measured 8.5 metres wide and in accordance with the Town Zoning By-law No. 4574-04.T the posted speed limit is 40 km/h. |
| Gateway Drive: | Is a two-lane collector road with single lane per travel direction. It has an urban cross-section with curbs, bike lanes and sidewalks provided along both sides of the road. The existing pavement is measured 11.5 metres wide and in accordance with the Town Zoning By-law No. 4574-04.T the posted speed limit is 40 km/h. |

Traffic Calming Assessment

As set out in the Town's Traffic Calming Policy, there are three requirements (warrants) that must be met for traffic calming measures to be considered:

| | |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Warrant No. 1 (Petition): | To ensure that residents in the immediate area are in support of traffic calming measures. The minimum threshold is 70% of households on the street. |
| Warrant No. 2 (Safety Requirements): | To ensure traffic calming measures are installed to improve traffic safety. A continuous sidewalk must be on at least one side of the street and the road grade be less than 5%. |
| Warrant No. 3 (Technical Requirements): | To ensure that traffic calming measures are implemented on streets that have a proven need for such measures. The 85 th percentile speed over a seven-day period must be a minimum of 15 km/h over the posted speed limit, and the minimum traffic volume is 1,500 vehicles per day. |

The subject locations have satisfied warrant no. 1 and warrant no. 2. Traffic data was collected at the subject locations over a seven-day period to complete the analysis on warrant no. 3 (Table 1).

Based on the requirements outlined in the Traffic Calming Policy, traffic calming measures are not warranted at the subject locations on Limeridge Street and Gateway Drive.

Table 1: Traffic Calming Warrant Analysis Summary (Warrant no. 3)

| Locations | Requirements | | Yes / No |
|-----------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------|----------|
| | Minimum Speed (85 th Percentile Minimum 15 km/h Over Posted Speed Limit) | Minimum Volumes (Between 1,500 and 8,000 Vehicles Per Day) | |
| Limeridge Street | | | |
| Limeridge Street 40m east of Gateway Drive | 7 km/h under the posted speed limit | 274 Vehicles Per Day | No |
| Limeridge Street 110m east of Gateway Drive | 6 km/h under the posted speed limit | 183 Vehicles Per Day | No |
| Limeridge Street north of Kirkvalley Crescent | 5 km/h under the posted speed limit | 174 Vehicles Per Day | No |
| Gateway Drive | | | |
| Gateway Drive between Pedersen Drive and Earl Stewart Drive/Birkshire Drive | 8 km/h above the posted speed limit | 2,669 Vehicles Per Day | No |

Advisory Committee Review

A memorandum (Report No. PDS25-091) was presented at the Active Transportation and Traffic Safety Advisory Committee (ATTSAAC) meeting on November 26, 2025. The Committee provided the following comments (Table 2).

Table 2: ATTSAC Comment Summary

| Comments | Responses |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Committee members noted that other measures to narrow the roadway can be considered for the subject location on Gateway Drive to reduce operating speed such as traffic bollards. | As adopted by Council, the implementation of traffic calming measures will need to follow the procedures outlined in the Traffic Calming Policy (Warrant #3 not met per Table 1). Traffic calming measures were not warranted based on data collected. |
| Expand the study area to include other sections of Gateway Drive such as between St. John's Sideroad and Pederson Drive. | The study area is based on the petition received per Warrant #1 of the Traffic Calming Policy. In order to expand the study boundary, additional petitions for the expanded portions of the roadway per the Policy. In addition, there is also an existing roundabout on this section of Gateway Drive that is considered a traffic calming measure. |

Legal Considerations

The Town has a responsibility to maintain road safety for the traveling public. Thoroughly investigating concerns raised by the public is essential to minimizing the risk of increased claims liability. By thoroughly investigating concerns raised by the public and adopting any recommendations resulting from the investigation, the Town can defend itself against legal claims and ensure a safer environment for the travelling public. Where the investigation has been thorough and reveals that no modification or mitigation is necessary, the Town would likely not have increased liability.

Financial Implications

None.

Communications Considerations

None.

Climate Change Considerations

The recommendations from this report does not impact greenhouse gas emissions or impact climate change adaptation.

Link to Strategic Plan

This report supports the Strategic Plan goal of “Support an Exceptional Quality of Life for All” by examining traffic patterns and identify potential solutions to improve movement and safety at key intersections in the community.

Alternative(s) to the Recommendation

None.

Conclusions

This report presents to Council the results of traffic calming assessment on Limeridge Street and Gateway Drive.

Based on the requirements outlined in the Traffic Calming Policy, traffic calming measures are not warranted at the subject locations on Limeridge Street and Gateway Drive.

Attachments

Attachment 1 – Subject Locations

Previous Reports

None.

Pre-submission Review

Agenda Management Team review on December 11, 2025

Approvals

Approved by Marco Ramunno, Director, Planning and Development Services

Approved by Doug Nadorozny, Chief Administrative Officer