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Town of Aurora

Memorandum

Planning and Development Services

Re: Request for Traffic Calming Measures on Heathwood Heights Drive and McClenny Drive

To: Active Transportation and Traffic Safety Advisory Committee

From: Michael Ha, Transportation and Traffic Analyst

Date: May 28, 2025

Recommendation

1. That the memorandum regarding Request for Traffic Calming Measures on Heathwood Heights Drive and McClenny Drive be received; and
2. That the Active Transportation and Traffic Safety Advisory Committee comments regarding Request for Traffic Calming Measures on Heathwood Heights Drive and McClenny Drive be received and referred to staff for consideration and further action as appropriate.

Background

In response to requests received from residents, staff have completed traffic calming warrant analyses following the procedures and methodologies outlined in the Town's Traffic Calming Policy at the following locations:

- Heathwood Heights Drive between Williamson Terrace and Tribbling Crescent (east leg)
- McClenny Drive between Henderson Drive and Willis Drive

Analysis

Existing Road Conditions

- Heathwood Heights Drive: Is a two-lane minor collector 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.
- McClenny Drive: 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 west/north side of the road. The existing pavement is measured 8.0 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 85th 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).

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)	
Heathwood Heights Drive			
Heathwood Heights Drive east of Williamson Terrace	8 km/h Over Posted Speed Limit	728 Vehicles Per Day	No
Heathwood Heights Drive east of Meadowood Drive	7 km/h Over Posted Speed Limit	229 Vehicles Per Day	No
McClenny Drive			
McClenny Drive north of Henderson Drive	7 km/h Over Posted Speed Limit	470 Vehicles Per Day	No
McClenny Drive north of Willis Drive	7 km/h Over Posted Speed Limit	347 Vehicles Per Day	No

Based on the requirements outlined in the Traffic Calming Policy, traffic calming measures are not warranted at the subject locations on Heathwood Heights Drive and McClenny Drive.

Attachments

1. Subject Locations