



Subject: Traffic Calming – Niagara Falls Road

Report to: Thorold City Council

Recommendations

1. That the Traffic and Parking By-law No. 150-2012 **BE AMENDED** to recognize the installation of an all way stop at the intersection of Niagara Falls Road and Davis Street; and
2. That the Traffic and Parking By-law No. 150-2012 **BE AMENDED** to reduce the posted speed limit from 50 km/h to 40km/h along Niagara Falls Road.

Key Facts

- Staff received a signed petition from residents in the Thorold South community regarding vehicles traveling at excessive speeds along Niagara Falls Rd in November 2023.
- Traffic studies were conducted in November 2023 along Niagara Falls Rd and the results indicated high speeds were occurring.
- The Roads Safety Committee reviewed and endorsed Staff's proposal and council approved passive traffic calming measures, including additional line painting and signage.
- On June 10, 2024, staff received another petition for Niagara Falls Rd regarding sightline issues at the intersection of Niagara Falls Rd and Davis St.
- Traffic studies were conducted again in July 2024 along Niagara Falls Rd, including an all-way stop assessment. The results indicated speeding, but an all-way stop was not warranted.
- A Public Information Center was held on July 29, 2024, to discuss the proposed traffic calming measures.

Budgetary Status

The 2024 Traffic Calming Program, listed in the 2024 Capital Budget, has a budget of \$50,000. The cost for new signage to post speed limits and all-way stops, as well as line painting for the new stop bars, is approximately \$7,000.00.

Analysis

November 2023, staff received a petition from Thorold South residents regarding excessive speeds on Niagara Falls Rd. Traffic studies confirmed speeding, leading the Safe Roads Committee and council to approve additional line painting and signage.

In June 2024, staff received another petition about sightline issues due to parking at Niagara Falls Rd and Davis St. Further studies in July confirmed speeding but did not warrant an all-way stop.

At a Public Information Center on July 29, 2024, 19 attendees, 10 provided feedback: 2 supported speed reduction, 2 supported speed humps (with 2 opposed), and 2 supported all-way stops (with 2 opposed), while 3 opposed all traffic calming.

Given that speeding has been identified, staff recommend reducing the speed limit. Additionally, due to sightline issues, staff recommend implementing speed reduction and installing an all-way stop at Niagara Falls Rd and Davis St.

Impact on the Environment, Climate Change

There are no known environmental or climate change related impacts to this Report.

Alternatives Reviewed

No Action: This was considered but dismissed due to ongoing safety concerns about speeding and sightline issues.

Combination of Measures (Recommended): Implement speed reduction measures and an all-way stop at Niagara Falls Rd and Davis St. This addresses both speeding and sightline issues effectively, based on resident feedback and traffic studies.

Relationship to Strategic Plan

- Vibrant and Prosperous Community
 - Livable Community
 - Community Wellbeing

Other Pertinent Reports

PWCS 18-2024 - Traffic Calming Niagara Falls Road

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Appendices

Appendix 1	Proposed Design
Appendix 2	Traffic study results
Appendix 3	PIC Comments