
TO: GENERAL COMMITTEE

SUBJECT: RATES OF SPEED BY-LAW UPDATE

WARD: ALL

PREPARED BY AND KEY CONTACT: J. SHARP, C.E.T., SUPERVISOR OF TRAFFIC OPERATIONS AND COMMUNITY SAFETY, EXT. 4304

SUBMITTED BY: M. BANFIELD, RPP, DIRECTOR OF DEVELOPMENT SERVICES

GENERAL MANAGER APPROVAL: B. ARANIYASUNDARAN, P. ENG., PMP, GENERAL MANAGER OF INFRASTRUCTURE AND GROWTH MANAGEMENT

CHIEF ADMINISTRATIVE OFFICER APPROVAL: M. PROWSE, CHIEF ADMINISTRATIVE OFFICER

RECOMMENDED MOTION

1. That Rates of Speed By-law 2002-191, Schedule "B", 'Authorized Rates of Maximum Speed – Variable Time Flashing 40 km/h Zone', be amended to include the designated times at which the speed limit is in effect as identified in Appendix "A" to Staff Report DEV038-23.

PURPOSE & BACKGROUND

2. Staff in the Development Services Department recommend amending the Rates of Speed By-law 2002-191, Schedule "B" 'Authorized Rates of Maximum speed – Variable Time Flashing 40 km/h Zone' to include the designated time at which the speed limit is effective and is a requirement of the Highway Traffic Act.
3. There are currently 23 Variable Time Flashing 40 km/h Zones with the City. In accordance with the Highway Traffic Act, these zones are located within 150 metres along a roadway in either direction beyond the limits of the school property.
4. The Council approved Policy requires Variable Time Flashing 40 km/h Zones to be installed on collector roadways with a daily traffic volume greater than 5,000 vehicles per day. The prescribed times are determined based on the arrival, dismissal and nutrition break schedule of the affected schools. Listed below are the criteria used to determine the flashing time period for each of the three time periods of each weekday during the school year:
 - a) 30 minutes prior to morning arrival bell and 15 minutes after.
 - b) 15 minutes before and after nutrition break.
 - c) 15 minutes prior to dismissal bell and 30 minutes after.

ANALYSIS

5. In reviewing the existing Rates of Speed By-law 2002-191, Schedule "B" 'Authorized Rates of Maximum Speed – Variable Time Flashing 40 km/h Zone', it was determined that the prescribed times at which the speed limit is effective are not included within the existing Rates of Speed

By-law 2002-191. Under the Highway Traffic Act, there is a requirement that the prescribed times are to be identified in the Rate of Speed By-law.

6. Based on investigations and research, Staff recommend that the following amendments are to be made to the Rate of Speed By-law 2002-191:

That Rates of Speed By-law 2002-191, Schedule "B", 'Authorized Rates of Maximum Speed – Variable Time Flashing 40 km/h Zone', be amended as attached in Appendix "A" to Staff Report DEV038-23 to include the designated times the variable flashing 40 km/h zones will be in effect.

7. Barrie Police Service do not oppose the recommendation.

ENVIRONMENTAL AND CLIMATE CHANGE IMPACT MATTERS

8. There are no environmental and/or climate change impact matters related to the recommendation.

ALTERNATIVES

9. The following alternative is available for consideration by General Committee:

Alternative #1

General Committee could maintain the existing Rates of Speed By-law 2002-191, Schedule "B" 'Authorized Rates of Maximum Speed – Variable Time Flashing 40 km/h Zone' (i.e. Status Quo)

This alternative is not recommended as it is a requirement under the Highway Traffic Act to include the designated time at which the speed limit is effective.

FINANCIAL

10. There are no financial implications for the Corporation resulting from the proposed recommendation.

LINKAGE TO 2022-2026 STRATEGIC PLAN

11. The recommendation(s) included in this Staff Report support the following goals identified in the 2022-2026 Strategic Plan:

- Community Safety
- Thriving Communities
- Responsible Governance

12. The recommendation of amending Rates of Speed By-law, Schedule "B", Authorized Rates of Maximum Speed – Variable Time Flashing 40 km/h Zone' to include the prescribed times is a requirement of the Highway Traffic Act.

APPENDIX "A"

STREET	FROM	TO	SET TIME
Anne St. North	16 m North of Letitia St.	143 m North of Austen Lane	7:40am – 9:25am and 12:55pm – 2:05pm and 3:00pm – 4:00pm Monday to Friday Sept 1 to June 30
Ardagh Rd.	A point 55 m East of Patterson Rd.	Morrow Rd.	8:30am – 9:15am and 11:40am – 1:10pm and 3:15pm – 4:00pm Monday to Friday Sept 1 to June 30
Bayview Dr.	36 m North of Springhome Rd.	146 m South of Charles Ct.	8:25am – 9:10am and 12:40pm – 1:50pm and 3:05pm – 3:50pm Monday to Friday Sept 1 to June 30
Big Bay Point Rd.	130 m East of Leggott Ave.	72 m East of Huronia Rd.	8:15am – 9:00am and 1:00pm – 1:50pm and 2:50pm – 3:45pm Monday to Friday Sept 1 to June 30
Cundles Rd. East	100 m West of Livingstone St. East	17 m East of Pacific St.	8:30am – 9:15am and 12:15pm – 1:45pm and 3:30pm – 4:15pm Monday to Friday Sept 1 to June 30
Cundles Rd. East	21 m East of eastern leg of Springdale Dr.	8 m West of western leg of Springdale Dr.	8:30am – 9:15am and 12:15pm – 1:45pm and 3:30pm – 4:15pm Monday to Friday Sept 1 to June 30
Cundles Rd. West	17 m East of Vansittart Ct.	30 m East of Longman Dr.	8:40am – 9:25am and 10:55am – 2:05pm and 3:15pm – 4:00pm Monday to Friday Sept 1 to June 30
Essa Rd.	60 m South of Mapleview Dr. West	Athabaska Rd.	7:30am – 8:15am and 10:30am – 12:00pm and 2:15pm – 3:00pm Monday to Friday Sept 1 to June 30
Ferndale Dr. South	23 m North of James St.	80 m South of Gore Dr.	8:40am – 9:25am and 12:30pm – 1:40pm and 3:15pm – 4:00pm Monday to Friday Sept 1 to June 30



STREET	FROM	TO	SET TIME
Grove St. East	14 m East of Peel St.	150 m East of Davidson St.	8:30am – 9:15am and 12:45pm – 1:55pm and 3:05pm – 3:50pm Monday to Friday Sept 1 to June 30
Grove St. West	72 m East of St. Vincent St.	80 m East of Blue Mound Dr.	8:30am – 9:15am and 12:45pm – 1:55pm and 3:05pm – 3:50pm Monday to Friday Sept 1 to June 30
Hanmer St.	91 m East of Cassandra Dr.	150 m West of Palmer Dr.	8:30am – 9:15am and 12:00pm – 1:20pm and 3:05pm – 3:50pm Monday to Friday Sept 1 to June 30
Hanmer St.	13 m West of Finlay Rd.	38 m East of Kozlov St.	8:25am – 9:10am and 1:00pm – 2:10pm and 3:00pm – 3:45pm Monday to Friday Sept 1 to June 30
Johnson St.	19 m North of Blake St.	12 m South of Steel St.	8:25am – 9:10am and 12:40pm – 1:50pm and 3:00pm – 3:45pm Monday to Friday Sept 1 to June 30
Leacock Dr.	21 m South of Browning Tr.	11 m North of Thackeray Cres.	8:20am – 9:05am and 15:55pm – 1:45pm and 2:55pm – 3:40pm Monday to Friday Sept 1 to June 30
Little Ave.	35 m East of Garden Dr.	62 m East of Armstrong Blvd.	8:25am – 9:10am and 12:40pm – 1:50pm and 3:00pm – 3:45pm Monday to Friday Sept 1 to June 30
Livingstone St. East	35 m West of Cundles Rd. East	61 m West of Surrey Dr.	8:30am – 9:15am and 11:40am – 1:10pm and 3:15pm – 4:00pm Monday to Friday Sept 1 to June 30
Livingstone St. East	90 m East of Stanley St.	113 m East of Michael Cres.	8:15am – 9:00am and 12:30pm – 1:40pm and 2:50pm – 3:35pm Monday to Friday Sept 1 to June 30
Madelaine Dr.	92 m East of Esther Dr.	137 m East of Dean Ave.	8:30am – 9:15am and 11:25am – 12:15pm and 3:30pm – 4:15pm Monday to Friday Sept 1 to June 30



STREET	FROM	TO	SET TIME
Mapleton Ave.	122 m Past of the easterly leg of Allsop Cres.	9 m West of Bluegrass Dr.	8:35am – 9:20am and 12:50pm – 2:00pm and 3:10pm – 3:55pm Monday to Friday Sept 1 to June 30
Prince William Way	64 m South of Sandringham Drive/Pepin Crt.	35 m North of Griffin Gate/Majesty Blvd.	8:05am – 8:50am and 12:40pm – 1:50pm and 2:40pm – 3:10pm Monday to Friday Sept 1 to June 30
Veteran's Dr.	96 m North of Mapleton Dr./Brookwood Dr.	55 m South of Harvie Rd.	8:10am – 8:55am and 12:25pm – 1:45pm and 2:45pm – 3:30pm Monday to Friday Sept 1 to June 30
Yonge St.	143 m North of Esther Dr.	127 m north of Madelaine Dr.	8:20am – 9:05am and 11:50am – 1:10pm and 2:55pm – 3:40pm Monday to Friday Sept 1 to June 30