

Regular Council Meeting

To:	Mayor and Council
Date:	October 3, 2022
From:	Wayne Hancock, Director of Public Works
Report Number:	Public Works 2022-20
Subject:	Recommended Updates to Traffic and Parking By-law No. 2019- 25

Recommendations:

- 1. That Council approve the following speed limit reductions requests:
 - Morton Line be reduced from 80 km/hr to 60 km/hr between County Road
 10 to 500 meters westerly of Highway 7;
 - ii) Fallis Line be reduced from 60 km/hr to 50 km/hr between County Road 10 and Tapley ¼ Line;
 - iii) Zion Line be reduced from 80 km/hr to 60 km/hr between County Road 10 and 800 meters westerly of County Road 28;
 - iv) Stewart Line be reduced from 80 km/hr to 60 km/hr between Dranoel Road and 700 meters west of County Road 10;
 - v) Syer Line be reduced from 80 km/hr to 60 km/hr between County Road 10 and County Road 28;
 - vi) Bland Line be reduced from 80 km/hr to 60 km/hr between County Road 10 and westerly limit.
- 2. That Council approve the Traffic and Parking By-law No. 2022-65 being a by-law to regulate traffic and parking within the limits of the Township of Cavan Monaghan and repeal the previous Traffic and Parking By-law No. 2019-25 in its entirety.

Overview:

During 2021, staff received requests from residents concerned with speed limits in four locations within the Township. At that time, staff reported to Council in Report No. 2021-16, (Attachment No. 1) and Council reviewed this request and requested additional data on each section. None of the requests were approved, at that time.

Again, in 2022, staff received requests in the form of emails/correspondence from residents concerned with speed limits for the same locations as well as several additional locations.

On Sept. 6, 2022, Council received a delegation from Mr. John Workman and he specifically requested a speed limit reduction from 80 km/hr to 60 km/hr on Stewart Line between Winslow ¼ Line and Dranoel Road. This is noted in our summary table, below.

Resident concerns have varied from speeding cars; safety hazards along the roadways; the safety of their children playing near the road; pedestrians walking on the shoulder of the road; more cyclists using the roads; and many of the roads are school routes. They have specifically requested speed limit reduction along these sections of our roads. Attachment No. 3 shows the sections of roadways, where requests have been received.

In reviewing these requests for speed limit changes, staff conducted 7-day traffic speed studies for each of the locations requested. The data collected during the study has been prepared for council to review (Attachments No. 4).

In addition, staff have prepared the following table, which provides the year of the request; the road section where the speed limit request was made; the number of people making the request; the currents speed limit, the requested speed limit change; data from the traffic counts; whether the road is a bus route and staff comments related to road geometrics. These are summarized as follows:

YEAR REQUESTED	ROAD	ROAD SECTION	# RESIDENTS WITH REQUESTS	CURRENT SPEED (km/h)	REQUESTED SPEED (km/h)	TOTAL VEHICLE COUNT	AVERAGE SPEED (km/h)	BUS ROUTE	ROAD GEOMETRICS
2022	MORTON LN	between Hwy. 7 and County Rd. 10	Single	80	60	1207	72	Yes	Blind hills, hidden driveways
2022	FALLIS LN	between County Rd. 10 and Tapley ¼ Ln	Several	60	50	4570	56	Yes	Highly populated residential area

2021 & 22	ZION LN	between County Rd. 28 and County Rd. 10	Several	80	60	1361	63	Yes	Residential, agricultural area, blind hills
2021 & 22	STEWART LN	between 700m west of County Rd. 10 and Dranoel Rd.	Several and Council Delegation	80	60	5478	49	Yes	Blind hills and hidden driveways
2021 & 22	SYER LN	between County Rd. 10 and County Rd. 28	Several	80	60	1292	65	Yes	Residential, hidden driveways
2021	BLAND LN	between County Rd. 10 and Westerly Limit	Several and Petition (20 signatures)	80	60	1395	50	Yes	Residential, blind hills, hidden driveways

Staff have contacted Peterborough City Police for their comments on these recommended changes. They support the recommended changes and their comments as per Attachment No 2.

Staff are recommending that Council approve all speed limit requests. Attachment No. 5 is the updated bylaw Traffic By-law 2022-65 including all speed limit changes and this is also, before Council for approval.

A summary of potential updates to the Traffic By-law are as follows:

- 1. To lower the speed limit of Morton Line from 80 km/h to 60 km/h from County Road 10 to 500 meters westerly of Highway 7
- 2. To lower the speed limit of Fallis Line from 60 km/h to 50 km/h from County Road 10 to Tapley ¼ Line;
- 3. To lower the speed limit of Zion Line from 80 km/h to 60 km/h from County Road 10 and 800 meters westerly of County Road 28;
- 4. To lower the speed limit of Stewart Line from 80 km/h to 60 km/h from Dranoel Road and 700 meters west of County Road 10;
- 5. To lower the speed limit of Syer Line from 80 km/h to 60 km/h from County Road 10 to County Road 28;

- 6. To lower the speed limit on Bland Line from 80 km/h to 60 km/h from County Road 10 to westerly limit;
- 7. To add a clause under "No Parking General" which prohibits anyone from parking within any cul-de-sac area and putting any obstructions on sidewalks or walkways, nor park or stop vehicles on sidewalks or walkways;

Financial Impact:

Funding for installation of new signage is included in the operating budget under Road Safety Devices and Signs.

Attachments:

- 1. Report Public Works 2021- 16 & Present Traffic & Parking By-law No. 2019-25
- 2. Peterborough Police Correspondence
- 3. Map Locations of Speed Limit Reduction Requests
- 4. Speed Study Data Results
- 5. Updated By-law No. 2022-65

Respectfully Submitted by, Reviewed by,

Wayne Hancock Yvette Hurley
Director of Public Works Chief Administrative Officer



Regular Council Meeting

То:	Mayor and Council
Date:	September 20, 2021
From:	Wayne Hancock, Director of Public Works
Report Number:	Public Works 2021-16
Subject:	Traffic and Parking By-law No. 2021-54

Recommendations:

- That Council approve the Traffic and Parking By-law No. 2021-54 being a by-law to regulate traffic and parking within the limits of the Township of Cavan Monaghan and repeal the previous Traffic and Parking By-law No. 2019-25 in its entirety; and
- 2. That Council approve the following speed limit reductions:
 - i) Bland Line be reduced from 80 km./hr. to 60 km./hr. between County Rd. 10 and Jones ¼ Line.
 - ii) Stewart Line be reduced from 80 km./hr. to 60 km./hr. between County Rd. 10 and Dranoel Road.
 - iii) Syer Line be reduced from 80 km./hr. to 60 km./hr. between County Rd. 10 and County Rd. 28.
 - iv) Zion Line be reduced from 80 km./hr. to 60 km./hr. between County Rd. 10 to 422 Zion Line.
- 3. That Council approve all revisions as noted on Attachment #1 which have been incorporated in the Traffic and Parking By-law No. 2021-54.

Overview:

Staff received correspondence from residents concerned with speed limits. In reviewing these requests for speed limit changes, the current Traffic and Parking By-law No. 2019-25 was reviewed. There were several areas within the existing By-law were found to need adjustment or some areas that needed to be updated.

Staff reviewed the requests from residents for changes in speed limits on several roads within the Township and these noted as follows:

- 1. Residents requested to lower the speed limit on Bland Line from 80 km/h to 60 km/h from County Road 10 to Jones ¼ Line. This request is addressed in the recommendations.
- Residents requested to lower the speed limit of Stewart Line from 80 km/h to 60 km/h from County Road 10 to Dranoel Road. This request is addressed in the recommendations.
- Residents requested to lower the speed limit of Syer Line from 80 km/h to 60 km/h from County Road 10 to County Road 28. This request is addressed in the recommendations.
- Residents requested to lower the speed limit of Zion Line from 80 km/h to 60 km/h from County Road 10 to 422 Zion Line. This request is addressed in the recommendations.
- 5. Residents requested to lower the speed limit of Hutchison Drive in the populated Cedar Valley area from 50 km/h to 40 km/h. Staff do not support this request and believe increased police presence in the area could assist with the concern. Staff had installed a traffic speed sign in this area for several weeks and our results show limited traffic counts and limited speeding.
- 6. Residents requested to lower the speed of Huston Street from 50 km/h to 40 km/h from King Street West to Carveth Drive. Staff do not support this request. Again, speed sign results show limited traffic volumes and limited speeding. We will request additional police enforcement in the area.
- 7. Residents requested a no jake brakes on Sharpe Line at County Road 10. This was presented to Council as an Item for action at the February 16, 2021 Regular Council Meeting. Staff do not support this request.
- 8. Staff have added a clause under "No Parking General" which prohibits anyone from putting any obstructions on sidewalks or walkways, nor park or stop vehicles on sidewalks or walkways. This new section has been requested by several residents and this clause is to ensure we can enforce that sidewalks and walkways remain clear at all times.

The Traffic Bylaw has been amended with these proposed changes.

Staff are also looking at putting a speed limit restriction of 60 km./hr. on all Township roads that are presently at 80 km./hr. This consideration is being brought forward as

speeding concerns continue to be on the rise and safety for pedestrians and cyclists using our roadways is also a consideration of this reduced speed limit.

Financial Impact:

Funding for installation of new signage is included in the operating budget under Road Safety Devices and Signs

Attachments

- 1. Present Traffic & Parking By-law No. 2019-25
- 2. Proposed By-law No. 2021-54

Respectfully Submitted by,

Reviewed by,

Wayne Hancock Director of Public Works Yvette Hurley Chief Administrative Officer

Attachment 1:

Township of Cavan Monaghan

By-law No. 2019-25

Being a by-law to regulate traffic and parking within the limits of the Township of Cavan Monaghan.

Whereas the Municipality has the authority to pass by-laws to regulate the foregoing, pursuant to the Municipal Act, 2001;

Now Therefore, the Council of the Township of Cavan Monaghan hereby enacts as follows:

1. Definitions

For the purpose of this By-law:

"Bicycle" includes tricycles and unicycles but does not include a motor assisted bicycle.

"Boulevard" means the portion of the road allowance lying between the sidewalk and the roadway. On roads where there are no sidewalks it shall mean the portion of the road allowance lying between the travelled portion of the road and the limit of the road allowance.

"Bridge" means any bridge spanning a water course or ravine.

"Commercial Vehicle" means a motor vehicle having permanently attached thereto a truck or delivery body and includes ambulances, hearses, casket wagons, fire apparatus, police patrols, motor buses and tractors. A van that is used for commercial purposes is to be considered a commercial vehicle.

"Gross Weight" means the combined weight of the vehicle and the load.

"Heavy Vehicle" means a vehicle, object or contrivance for moving loads having a registered gross weight, including the vehicle, object or contrivance and load, greater than two thousand, two hundred and sixty seven decimal nine six (2,267.96) kilograms, but does not include a passenger vehicle, ambulance, public works vehicle, fire department vehicle, police vehicle or a privately owned commercial vehicle which is being driven to or from the residence by the owner or other family member, or a commercial motor vehicle making a delivery to or collecting from a bonafide destination, which cannot be reached by way of a highway or highways upon which heavy traffic is not prohibited by this By-law.

"Highway" includes a common and public highway, street, avenue, parkway, driveway, square, place, bridge, viaduct or trestle, designed and intended for, or used by, the general public for the passage of vehicles.

"Intersection" means the area embraced within the prolongation or connection

of the lateral curb lines, or, if none, that lateral boundary lines of two or more highways that join one another at an angle, whether or not one highway crosses the other.

"Minister" means the Minister of Transportation.

"Park or Parking" when prohibited, means the standing of a vehicle, whether occupied or not, except when standing temporarily for the purpose of and while actually engaged in, loading or unloading merchandise and passengers.

"Pedestrians" means persons afoot, persons in wheelchairs and children in wheeled carriages, sleds and wagons.

"Police Officer or Officer" means a member of the Ontario Provincial Police Force, Peterborough Polices Services or a Municipal Law Enforcement Officer authorized to enforce the provisions of this By-law, and designated as a Provincial Offences Officer and includes all other persons appointed as Provincial Offences Officers.

"Restricted Parking Area" means any of the locations named or described in Schedules "B", "C", and "D" attached to and forming part of this By-law.

"Roadway" means that part of the highway which is improved, designated or ordinarily used for vehicular traffic, but does not include the shoulder, and, where a highway includes two or more separate roadways, the term "Roadway" refers to any one roadway separately but not to all roadways collectively.

"Sidewalk" means any sidewalk, pathway, footpath or other area forming part of any highway or bridge or boulevard, or other means of walkways used by, or set apart for, the use of pedestrians.

"Stand or Standing" when prohibited, means the halting of a motor vehicle, whether occupied or not, except when necessary to avoid conflict with other traffic or in compliance with the direction of a police officer, a traffic control sign or traffic control signal.

"Stop or Stopping" when prohibited, means the halting of a vehicle, even momentarily whether occupied or not, except when necessary to avoid conflict with other traffic or in compliance with the directions of a constable or other police officer, or of a traffic control sign or signals.

"Street" includes a common and public highway, street, avenue, parkway, driveway, square, place, bridge, viaduct or trestle, designed and intended for, or used by, the general public for the passage of vehicles.

"Time" where an expression of time occurs or where any hour or other period of time is stated, the time referred to shall be Eastern Standard Time, except in periods when Daylight Saving Time is in effect, such time shall be Eastern Daylight Saving Time.

"**Traffic**" includes pedestrians, ridden or herded animals, vehicles, buses and other conveyances, either singularly or together using any street for purposes of travel.

"Traffic Control Device" means any sign, roadway, curb or sidewalk marking, or other device erected or placed under the authority of the Municipal Council for the purpose of guiding or directing traffic.

"Vehicle" includes a bicycle, a motorcycle, motor vehicle trailer, traction engine, farm tractor, road building machine and any vehicle propelled or driven by any kind of power, including muscular power, but does not include a motorized snow vehicle or the cars of electric or steam railways running only upon rails.

Part I - Traffic

Enforcement	1.1	The provisions of this By-law may be enforced by an Ontario Provincial Police Officer, Peterborough Police Services or a Provincial Offences Officer or any persons authorized to enforce the By-law.
Stop Signs	1.2	The intersections on highways, or parts of Highways, within the Township of Cavan Monaghan, as described in Schedule "E", attached to and forming part of this By-law, shall be designated as "Stop" intersections
Excavation & Barricade	1.3	No person or persons shall open excavations, erect barricades, store earth or construction materials, or park work equipment on any portion of any highway without first obtaining approval from the Township of Cavan Monaghan Director of Public Works, or his/her designate. Such approval shall be registered with the Clerk of the Township of Cavan Monaghan.
Placement Material on Township Property	1.4	No person shall place snow, stones, soil, rubbish or materials of any kind from private property upon the highways, boulevards or sidewalks of the Township of Cavan Monaghan.

Remove/Injure 1.5 No person or persons shall, without lawful **Traffic Signs** authority, attempt to or, in fact, alter, deface, injure, break down or remove any official traffic control device or any inscription, shield or insignia thereon, or part thereof. **Heavy Vehicles** 1.6 When properly worded signs have Prohibited been erected and are on display, no person shall drive, move or otherwise operate "Heavy Vehicles" upon any highway or part of a highway named or described in Schedule "J", attached to and forming part of this By-law. 1.7 **Load Restrictions** When properly worded signs have been erected and are on display, no person shall operate a vehicle on a highway or part of a highway if any axle of the commercial vehicle or its trailer transmits to the highway a weight in excess of 5 tonnes (5000 kg.) between March 1 and April 30. 1.8 Bicycle Riders to A person riding a bicycle on a roadway Ride on Right shall ride as near to the right hand side of the roadway as is practicable and shall exercise due care when passing a standing vehicle or one proceeding in the same direction. **Motorized Snow** 1.9 (a) No person shall drive a motorized snow vehicle upon any highway within the Vehicles after 11:00 p.m. Township of Cavan Monaghan between the hours of 11:01 p.m. and 7:00 a.m. (b) Section (a) does not apply to a person or persons driving a motorized snow vehicle who is proceeding directly to the residence of the registered owner of the motorized snow vehicle or directly to a place of employment or by emergency services for emergency purposes. Maximum 15 KMH 1.10 When properly worded Speed Limit signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 15 kilometres per hour on any highway or parts of a highway described in Schedule "F", attached to

and forming part of this By-law.

Maximum 40 KMH

1.11 When properly worded Speed Limit signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 40 kilometres per hour on any highway or parts of a highway described in Schedule "G", attached to and forming part of this By-law.

Maximum 50 KMH

1.12 When properly worded Speed Limit signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 50 kilometres per hour on any highway or parts of a highway described in Schedule "H", attached to and forming part of this By-law.

Maximum 60 KMH

1.13 When properly worded Speed Limit signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 60 kilometres per hour on any highway or parts of a highway described in Schedule "I" attached to and forming part of this By-law.

Part II - Parking

Parking Restricted

- 2.1 When properly worded signs have been erected and are on display, no person shall park a vehicle on any highway between the limits and periods of time as described in Schedule "A" attached to and forming part of this By-law.
 - (a) When properly worded signs have been erected and are on display, between the hours of 9:00 a.m. and 6:00 p.m., from Monday to Saturday inclusive, no person shall park a vehicle for any one period of time in excess of 15 (fifteen) minutes on those parts of streets named or described in Schedule "C".
 - (b) When properly worded signs have been erected and are on display at all entrances to the Millbrook Ward, no person shall park a vehicle on any street between the hours of 2:00 a.m. and 7:00 a.m.

of the same day from November 15 of one year and April 1 of the following year.

- (c) When properly worded signs have been erected and are on display, between the hour of 9:00 a.m. and 6:00 p.m., from Monday to Saturday inclusive, no person shall park a vehicle for any one period of time in excess of (2) two hours on those streets or parts of streets named or described in Schedule "D" of this By-law.
- (d) When properly worded signs have been erected and are on display, no person shall park on a vehicle on the street except as permitted by Schedule "K".

Parking Prohibited

- 2.2 When properly worded signs have been erected and are on display, no person shall, at any time, park a vehicle in the following places within the Township of Cavan Monaghan:
 - (b) In any area described in Schedule "B", Schedule "C", and Schedule "D", attached to and forming part of this By-law.

No Parking General

- 2.3 No person, within the Township of Cavan Monaghan, shall park a vehicle in any of the following places;
 - (b) In front of a public or private driveway;
 - (c) Within nine (9) metres of an intersection;
 - (d) Within three (3) metres of a fire hydrant
 - (j) On any highway between the hours of 12:01 a.m. and 7:00 a.m.
 - (k) On any highway in such a manner as to obstruct or impede the removal of snow from the highway.

Stopping Prohibited

- 2.4 No person shall stop a vehicle in any of the following places:
 - (d) In front of the entrance to a public lane or a private driveway or so as to prevent entry to or exit from such public land or private driveway;
 - (e) Within three (3) metres of a fire hydrant;
 - (i) On any highway in such a manner as to obstruct or impede the removal of snow from the highway.
 - (j) On any highway in such a manner as to prevent the convenient removal of another vehicle previously parked or standing;
 - (k) On the highway side of any vehicle previously parked or standing;
 - (I) Alongside or across from any obstruction or excavation in such a manner as to obstruct, impede or otherwise restrict the normal flow of traffic;
 - (m) Opposite another vehicle, parked or standing, on any highway wherein said highway is less than eleven (11) metres in width:
 - (n) On any highway as described in Schedule "A", attached to and forming part of this By-law.

Penalties

2.5 Any person violating any of the provisions of this By-law is liable to the penalty as prescribed by the applicable law for each offence.

Where a vehicle is found parked in contravention of the provisions contained in Part II of this By-law, an Ontario Provincial Police, Peterborough Police Services or a Provincial Offences Officer or a Municipal Law Enforcement Officer authorized to enforce the By-law finding the vehicle may have the vehicle towed away at the expense of the owner

By-laws Repealed

2.6 That all previous traffic By-laws are hereby

repealed in their entirety.

2.7 This By-law shall come into force and take effect upon final passage by the Township of Cavan Monaghan and when signs have been erected and are on display in compliance with the regulations of the Ministry of Transportation of Ontario.

That By-Law 2018-29 be repealed in its entirety.		
Read a first, second and third time and passed this_2019.	day of	
Scott McFadden, Mayor	Elana Arthurs, Clerk	

Schedule "A"

No Stopping

When properly worded signs have been erected and are on display, no person shall park a vehicle on any of the highways or parts of highways hereinafter set out:

Anne Street North Side – from Hay Street to Cavan Street

East Side - from Cavan Street to Frederick Street

Centre Street North Side – from Union Street to a point 35 metres east of

Union Street

South Side – from Union Street to west limits of Centre Street

Distillery Street West Side

Duke Street East Side – from King Street east to a point 58 metres south

of King Street East

Needler's Lane North Side – from Allan Lane to Hay Street

South Side from Baxter Creek to a point 15 metres

west of Baxter Creek

Frederick Street South Side – from Anne Street to Main Street

Hay Street West Side – entire side of street to Anne Street

East Side – from a point 50 metres south of King Street East

to Needler's Lane

Huston Street West Side – from King Street West to south limits of

Huston Street

Lisa Court Both Sides – within circle at south end of Lisa Court

Main Street East Side – from a point 69 metres south of King Street

East to Charles Street

East Side – from Marshall Street to a point 67 metres

north of Frederick Street

East Side – from Frederick Street to the south limits of Main Street

West side – from a point 48 metres south of King Street East

to a point 35 metres south of Charles Street

West Side – from a point 45 metres south of Marshall Street

to a point 30 metres north of Frederick Street

Needler's Lane East Side – from a point 27 metres south of Distillery Street

to a point 66 metres south of Distillery Street

West Side – from Distillery Street to a point 69 metres south

of Distillery Street

Queen Street West Side – from King Street West to the north limits of

Queen Street

Union Street West Side – from Centre Street to a point 50 metres south of

Centre Street

Schedule "B"

Restricted Parking

1. Unless otherwise properly signed, no person shall park a vehicle on any highway for longer than four (4) hours or in such a manner as to impede snow removal.

Schedule "C"

Restricted Parking

When properly worded signs have been erected and are on display, no person shall park a vehicle on a highway or parts of highways hereinafter set out in excess of 15 (fifteen) minutes:

Union Street West Side – From a point 9 metres north of King Street West to a

point 19 metres north of King Street West

Schedule "D"

Restricted Parking

When properly worded signs have been erected and are on display, no person shall park a vehicle on a highway or parts of highways hereinafter set out in excess of 2 (two) hours:

Hay Street East Side – Between King Street East to a point 50 metres

south of King Street East

Distillery Street West Side – Between King Street East and Needler's Lane

East Side – Between King Street East and the north

abutment of Baxter Creek Bridge

Centre Street South Side – Between Tupper Street and Union Street

North Side – Between Tupper Street and a point 35 metres

east of Union Street

Union Street East Side – Between King Street West and Centre Street

West Side – Between a point 19 metres north of King Street

West and a point 50 metres south of Centre Street.

Schedule "E"

Providing for the Erection of Stop Signs at Intersections

The intersections on highways set out in Column 1 are designated as intersections where Stop signs shall be erected at the locations shown in Column 2.

Column 1: Intersection

McCamus 1/4 Line & Eagleson Line McCamus 1/4 Line & Carmel Line Brackenridge Dr. & Carmel Line Brackenridge Dr. & Deyell Line

T-Way Dr. & Devell Line Thorne Dr. & Devell Line Thorne Dr. & Zion Line Bee Dr. & Devell Line Ava Cr. & Deyell Line Carveth Dr. & Zion Line Elgar Dr. & Zion Line Elgar Ct. & Elgar Dr.

White Birch Rd. & Elgar Dr.

White Birch Rd. & White Birch Rd.

Zion Line & Glamorgan Rd. Hutchison Dr. & Zion Line Dr.

Hutchison Dr. & Cedar Valley Rd.

Hutchison Dr. & Cedar Cr. Hutchison Dr. & Larmer Line

Hutchison Dr. & Syer Line Glamorgan Rd. & Fallis Line

Fallis Line & Tapley 1/4 Line Fallis Line Fallis Line & Valleyview Dr. west side

Vallevview Dr.

Fallis Line & Valleyview Dr. east side Valleyview Dr. Valleyview Dr. & Morningside Pl.

Morningside Pl.

Scout Cr. & Tapley 1/4 Line Valley Rd. & Tapley 1/4 Line Valley Rd. & Deer Ave. Valley Rd. & Acadia Ct. Valley Rd. & Pine Tree Cr. Pine Tree Cr. & Maple Tree Cr. Deer Ave. & Plains Circle

Plains Circle & Plains Circle Tapley ¼ Line & Larmer Line Larmer Line & Deer Ave. Larmer Line & Valley Rd.

Syer Line & Vista Cr.

Tapley ¼ Line & Syer Line

Column 2: Facing Traffic

Southbound on McCamus 1/4 Line Northbound on McCamus 1/4 Line Southbound on Brackenridge Dr. Northbound on Brackenridge Dr. Northbound on T-Way Dr. Southbound on Thorne Dr. Northbound on Thorne Dr. Northbound on Bee Dr. Southbound on Ava Cr. Southbound on Carveth Dr. Northbound on Elgar Dr. Westbound on Elgar Ct. Westbound on White Birch Rd.

Eastbound on White Birch Rd.

Westbound on Zion Line

North and Southbound on Hutchison

Westbound on Cedar Valley Rd.

Eastbound on Cedar Cr.

North and Southbound on Hutchison

Northbound on Hutchison Dr. Northbound on Glamorgan Rd.

East and Westbound on Southbound on

Southbound on Southbound on

Westbound on Scout Cr. Westbound on Valley Rd. Southbound on Deer Ave. Northbound on Acadia Ct. Eastbound on Pine Tree Cr. Northbound on Maple Tree Cr. Eastbound on Plains Circle Southbound on Plains Circle Westbound on Larmer Line Northbound on Deer Ave. Northbound on Valley Rd. Southbound on Vista Cr.

East and Westbound on Syer Line

Syer Line & Highview Cr. Sver Line & Dranoel Rd. Dranoel Rd. & Dranoel Dr. Ford Dr. & Ford Cr. Moore Dr. & Moore Dr. Dranoel Rd. & Morton Line Morton Line & Tapley 1/4 Line Dranoel Rd. & Sharpe Line Sharpe Line & Jack Lane Sharpe Line & Winslow 1/4 Line Sharpe Line & Cora Drive Sharpe Line & Howden ¼ Line Line Stewart Line & Cathcart Cr. Stewart Line & Preston Rd. Stewart Line & Howden 1/4 Line Line Stewart Line & Winslow 1/4 Line 1/4 Line Stewart Line & Darling Cr. Darling Cr. & Darling Cr. Stewart Line & Jill Lane Hooton Dr. & Howden 1/4 Line Line Hooton Dr. & Hooton Dr. Hooton Dr. & Fieldview Dr. Hooton Dr. & Preston Rd. Best Rd. & Hayes Line Bland Line & Jones 1/4 Line Bland Line & Shields Dr. Jones 1/4 Line & Hayes Line Bland Line & Albert St. Mt. Pleasant Rd. & High St. Mt. Pleasant Rd. & Albert St. Meadow Lane & Workman St. Kennedy Dr. & Rose Cr. Ashley Cr. & Cathcart Cr. Brewda Cres. & Kalman Drive Kalman Drive & Carmel Line **Dufferin Street & Gravel Road** Needler's Lane and Distillery St. Needler's Lane and Allen Lane Hay Street and Needler's Lane Anne Street & Prince Street Anne Street & Princess Street Anne Street & Cavan Street Anne Street & Frederick Street Anne Street & Frederick Street Frederick Street & Main Street Frederick Street & Main Street Main Street & Marshall St. Charles Street & Main St. Charles Street & Main St. Sowden Lane & Main St.

Southbound on Highview Cr.
Westbound on Syer Line
Westbound on Dranoel Dr.
Eastbound on Ford Cr.
Eastbound on Moore Dr.
Westbound on Morton Line
Northbound on Tapley ¼ Line
Westbound on Sharpe Line
Southbound on Jack Lane
Westbound on Sharpe Line
Northbound on Cora Dr.
North and Southbound on Howden ¼

Northbound on Cathcart Cr. Southbound on Preston Rd. North and Southbound on Howden 1/4

North and Southbound on Winslow

Northbound on Darling Cr. Southbound on Darling Cr. Northbound on Jill Lane North and Southbound on Howden 1/4

Westbound on Hooton Dr. Northbound on Fieldview Dr. Eastbound on Hooton Dr. Northbound on Best Rd. Southbound on Jones 1/4 Line Northbound on Shields Dr. Northbound on Jones 1/4 Line Northbound on Albert St. North and Southbound on High St. Southbound on Albert St. Westbound on Meadow Lane Westbound on Rose Cr. Eastbound on Ashley Cr. Westbound on Brewda Cres. Northbound on Kalman Drive Eastbound on Dufferin Street Northbound on Needler's Lane Southbound on Allen Lane Westbound on Needler's Lane Northbound on Prince Street Northbound on Princess Street Eastbound on Cavan Street Southbound on Anne Street Eastbound on Frederick Street Westbound on Frederick Street Eastbound on Frederick Street East and Westbound on Marshall St. Westbound on Charles Street Eastbound on Charles Street Westbound on Sowden Lane

Union St. & Centre Street
Union St. & Manor Drive
Brookside St. & Baxter Creek Ct.
Burnham Ct. & McGuire Dr.
Wing St. & Bank St. South
Centennial Lane & Century Blvd.
Century Blvd. & Nina Court
Bartlett Rd. & Whitfield Rd.
Maplehill Court & Maplehill Drive
Campbell Avenue & Longview Drive
Campbell Ave

Filman Crescent & Longview Drive
Campbell Avenue & Campbell Avenue
Whittington Drive & Dobbin Road
Drive Whittington Drive & Elmdale Road
Drive Davis Road & Stewart Line
Davis Road & Maple Grove Road
Maple Grove Road & Preston Road
Road Elmdale Road & Brown Line
Brown Line & Elmdale Road
Worboy Ct & Beardsmore Road
Carolyn Street & Johnston Dr.
Skiview Dr. & Hillview Dr.

North and Southbound on Union St. All (4) Way Stop
Northbound on Baxter Creek Ct.
Southbound on Burnham Ct.
Westbound on Wing St.
Southbound on Century Blvd.
Northbound on Century Blvd.
Southbound on Bartlett Rd
Eastbound on Maplehill Court
East & Westbound on

Eastbound on Filman Crescent
Southbound on Campbell Ave
East & Westbound on Whittington
East & Westbound on Whittington
Southbound on Davis Road
Northbound on Davis Road
Westbound on Maple Grove
Southbound on Elmdale Road
East & Westbound on Brown Line
Eastbound on Worboy
Northbound on Carolyn Street
Westbound on Skiview Dr.

Schedule "F"

15 KMH Speed Limit

When properly worded signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 15 kilometres per hour as hereinafter set out:

Highway	From	То
Mervin Line	Airport Road	End

Schedule "G"

40 KMH Speed Limit

When properly worded signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 40 kilometres per hour as hereinafter set out:

Highway	From	То
Ford Drive Ford Crescent	Highway 7A Highway 7A	End Ford Drive
Highview Crescent	Syer Line	End
Carveth Drive	Zion Line	Huston

Schedule "H"

50 KMH Speed Limit

When properly worded signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 50 kilometres per hour as hereinafter set out:

Highway	From	То
Carmel Line Edgewood Park Drive Preston Road Hooton Drive Larmer Line Tapley ¼ Line Cedar Valley Road Hutchison Drive	County Rd. 28 Mount Pleasant Road Maple Grove Road Preston Road Tapley ¼ Line Fallis Line Hutchison Drive 100 metres north of	1150 meters westerly End Stewart Line 650 meters westerly 1300 metres easterly Syer Line County Rd. 28 700 metres southerly
Morton Line Sharpe Line Sharpe Line Scout Crescent Plains Circle Pine Tree Crescent	Cedar Valley Road Highway 7 County Rd. 10 County Rd. 10 Tapley ¼ Line Deer Avenue	500 metres westerly 1200 metres easterly 700 metres westerly End End End
Maple Tree Crescent Maple Tree Crescent Valley Road Acadia Court Valleyview Drive Morningside Place	Valley Rd. Pine Tree Crescent Tapley ¼ Line Valley Road Fallis Line Valleyview Drive	End End Larmer Line End Fallis Line End
White Birch Road Kennedy Drive Rose Crescent Workman Street Meadow Lane	Elgar Drive Mount Pleasant Road Kennedy Drive Mount Pleasant Road Workman Street	End End End Mill Street End
High Street Mill Street Albert Street Rothesay Avenue Ashley Cres. Syer Line	Mill Street Workman Street Mount Pleasant Road Lansdowne Street Cathcart Cres. County Rd. 10	End High Street Bland Line End End 100 metres west of the
Clifford Line Dobbin Road Whittington Drive Davis Road Elmdale Road Brown Line	Hwy 7 Whittington Drive Rosemount Gardens Stewart Line North Monaghan Hwy 7	Municipal address 888 Syer Line End 1.2 km to city limits 3.2 Easterly Maple Grove Road Brown Line Airport Road
Beardsmore Road Johnston Drive Whitfield Road	Airport Road Worboy Court County Road 28	Worboy Court City Limits End

Bartlett Road Moncrief Line Whitfield Road **Longview Drive** Sherbrooke St. W. End Longview Drive Campbell Avenue East end Campbell Avenue Campbell Avenue **Longview Drive** Filman Crescent **Longview Drive Longview Drive** Beardsmore Road Carolyn Street End **Worboy Court** Beardsmore Road End Brown Line Airport Road East end Maplehill Drive Sherbrooke Street End Maplehill Court Maplehill Drive End Larmer Line Deer Avenue Valley Road Elgar Court Elgar Drive End Kalman Drive Carmel Line End Brewda Court Kalman Drive End Hillview Drive Skiview Drive End End Miller Street County Road 10 King George Street County Road 10 Elizabeth Street Elizabeth Street Miller Street King George Poplar Plains Drive County Road 10 Fallingbrook Drive Cavan Woods Drive County Road 10 Fallingbrook Drive Poplar Plains Drive Cavan Woods Fallingbrook Drive Mount Pleasant Road Queen Mary Street High Street Alexander Drive Blue Jay Street Queen Mary Street Alexander Drive Blue Jay Street End Jill Lane Stewart Line End Fieldview Drive **Hooton Drive** End Carveth Drive **Huston Street** Millbrook Ward limits Sunset Drive Highway 7A End

All Highways within the Millbrook Ward.

Schedule "I"

60 KMH Speed Limit

When properly worded signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 60 kilometres per hour as hereinafter set out:

Highway	From	То
Stewart Line Stewart Line Wilson Line	County Rd. 10 County Rd. 10 1100 metres west of County Rd. 10	Preston Road 700 metres westerly 800 metres westerly
Darling Crescent Jack Lane Vista Crescent Elgar Drive Bee Drive Ava Crescent T-Way Drive Carmel Crescent Zion Line	Stewart Line Sharpe Line Syer Line Zion Line Deyell Line Deyell Line Deyell Line County Rd. 10 County Rd. 28	End
Sharpe Line Cathcart Crescent Deyell Line Bland Line Bland Line Jones 1/4 Line Syer Line	Highway 7 Stewart Line County Road 10 Jones ¼ Line Jones ¼ Line Bland Line Tapley ¼ Line	Howden ¼ Line Hwy 7 Hutchison Drive 400 metres easterly 300 metres westerly 300 metres northerly 100 metres west of the Municipal address 888
Carmel Line	County Rd. 10	Syer Line 100 metres east of County Rd. 28.
Howden 1/4 Line	Stewart Line	Sharpe Line

Schedule "J"

Heavy Vehicles Restricted

Road	Section	Restricted Hours
Cathcart Cr.	From Stewart Line to Highway 7	At all times
Dobbin Road	From limits of City of Peterborough to Dobbin Road south	At all times
Elmdale Road	From Brown Line to South entrance to Sysco Food Terminal	At all times
Whittington Dr.	From limits of City of Peterborough west to Dobbin	At all times
Whitfield Road	Bartlett Road/Whitfield Landing Intersection to the east end	At all times
Brown Line	From Hwy. 7 to Airport Road	At all times
Preston Road	Maple Grove Road to Stewart Line	At all times
Brown Line	Hwy 7 to Airport Road	At all times
Davis Road 1.4 km Northbound	From Stewart Line	At all times
Preston Road	Maple Grove Road to Stewart Line	At all times
Brown Line	Hwy 7 to Airport Road	At all times
Whittington Drive	East of 2085 Whittington Drive to End	At all Times

Schedule "K"

No Parking

When properly worded signs have been erected and are on display, no person shall park a vehicle on the street identified except as permitted herein;

Highway	From	То		
Brookside Street	Tupper Street	400 metres west of Tupper		
Street North Side – January 1 – June 30 South Side – July 1 – December 31				
Brookside Street	Driveway of 97 97 Brookside Street	6 metres East of Driveway at Brookside Street		
Cedar Crescent	Hutchinson Drive	End of Cedar Crescent on the South East side		

Township of Cavan Monaghan

By-law No. 2021-54

Being a by-law to regulate traffic and parking within the limits of the Township of Cavan Monaghan.

Whereas the Municipality has the authority to pass by-laws to regulate the foregoing, pursuant to the Municipal Act, 2001;

Now Therefore, the Council of the Township of Cavan Monaghan hereby enacts as follows:

1. Definitions

For the purpose of this By-law:

"Bicycle" includes tricycles and unicycles but does not include a motor assisted bicycle.

"Boulevard" means the portion of the road allowance lying between the sidewalk and the roadway. On roads where there are no sidewalks it shall mean the portion of the road allowance lying between the travelled portion of the road and the limit of the road allowance.

"Bridge" means any bridge spanning a water course or ravine.

"Commercial Vehicle" means a motor vehicle having permanently attached thereto a truck or delivery body and includes ambulances, hearses, casket wagons, fire apparatus, police patrols, motor buses and tractors. A van that is used for commercial purposes is to be considered a commercial vehicle.

"Gross Weight" means the combined weight of the vehicle and the load.

"Heavy Vehicle" means a vehicle, object or contrivance for moving loads having a registered gross weight, including the vehicle, object or contrivance and load, greater than two thousand, two hundred and sixty seven decimal nine six (2,267.96) kilograms, but does not include a passenger vehicle, ambulance, public works vehicle, fire department vehicle, police vehicle or a privately owned commercial vehicle which is being driven to or from the residence by the owner or other family member, or a commercial motor vehicle making a delivery to or collecting from a bonafide destination, which cannot be reached by way of a highway or highways upon which heavy traffic is not prohibited by this By-law.

"Highway" includes a common and public highway, street, avenue, parkway, driveway, square, place, bridge, viaduct or trestle, designed and intended for, or used by, the general public for the passage of vehicles.

"Intersection" means the area embraced within the prolongation or connection of the lateral curb lines, or, if none, that lateral boundary lines of two or more highways that join one another at an angle, whether or not one highway crosses the other.

- "Minister" means the Minister of Transportation.
- "Park or Parking" when prohibited, means the standing of a vehicle, whether occupied or not, except when standing temporarily for the purpose of and while actually engaged in, loading or unloading merchandise and passengers.
- "Pedestrians" means persons afoot, persons in wheelchairs and children in wheeled carriages, sleds and wagons.
- "Police Officer or Officer" means a member of the Ontario Provincial Police Force, Peterborough Polices Services or a Municipal Law Enforcement Officer authorized to enforce the provisions of this By-law, and designated as a Provincial Offences Officer and includes all other persons appointed as Provincial Offences Officers.
- "Restricted Parking Area" means any of the locations named or described in Schedules "B", "C", and "D" attached to and forming part of this By-law.
- "Roadway" means that part of the highway which is improved, designated or ordinarily used for vehicular traffic, but does not include the shoulder, and, where a highway includes two or more separate roadways, the term "Roadway" refers to any one roadway separately but not to all roadways collectively.
- "Sidewalk" means any sidewalk, pathway, footpath or other area forming part of any highway or bridge or boulevard, or other means of walkways used by, or set apart for, the use of pedestrians.
- "Stand or Standing" when prohibited, means the halting of a motor vehicle, whether occupied or not, except when necessary to avoid conflict with other traffic or in compliance with the direction of a police officer, a traffic control sign or traffic control signal.
- "Stop or Stopping" when prohibited, means the halting of a vehicle, even momentarily whether occupied or not, except when necessary to avoid conflict with other traffic or in compliance with the directions of a constable or other police officer, or of a traffic control sign or signals.
- "Street" includes a common and public highway, street, avenue, parkway, driveway, square, place, bridge, viaduct or trestle, designed and intended for, or used by, the general public for the passage of vehicles.
- "Time" where an expression of time occurs or where any hour or other period of time is stated, the time referred to shall be Eastern Standard Time, except in periods when Daylight Saving Time is in effect, such time shall be Eastern Daylight Saving Time.
- "Traffic" includes pedestrians, ridden or herded animals, vehicles, buses and other conveyances, either singularly or together using any street for purposes of travel.
- "Traffic Control Device" means any sign, roadway, curb or sidewalk marking, or other device erected or placed under the authority of the Municipal Council for

the purpose of guiding or directing traffic.

"Vehicle" includes a bicycle, a motorcycle, motor vehicle trailer, traction engine, farm tractor, road building machine and any vehicle propelled or driven by any kind of power, including muscular power, but does not include a motorized snow vehicle or the cars of electric or steam railways running only upon rails.

Part I – Traffic

Enforcement	1.1	The provisions of this By-law may be enforced by an Ontario Provincial Police Officer, Peterborough Police Services or a Provincial Offences Officer or any persons authorized to enforce the By-law.
Stop Signs	1.2	The intersections on highways, or parts of Highways, within the Township of Cavan Monaghan, as described in Schedule "E", attached to and forming part of this By-law, shall be designated as "Stop" intersections
Excavation & Barricade	1.3	No person or persons shall open excavations, erect barricades, store earth or construction materials, or park work equipment on any portion of any highway without first obtaining approval from the Township of Cavan Monaghan Director of Public Works, or his/her designate. Such approval shall be registered with the Clerk of the Township of Cavan Monaghan.
Placement Material on Township Property	1.4	No person shall place snow, stones, soil, rubbish or materials of any kind from private property upon the highways, boulevards or sidewalks of the Township of Cavan Monaghan.

Remove/Injure 1.5 No person or persons shall, without lawful Traffic Signs authority, attempt to or, in fact, alter, deface, injure, break down or remove any official traffic control device or any inscription, shield or insignia thereon, or part thereof. **Heavy Vehicles** 1.6 When properly worded signs have **Prohibited** been erected and are on display, no person shall drive, move or otherwise operate "Heavy Vehicles" upon any highway or part of a highway named or described in Schedule "J", attached to and forming part of this By-law. **Load Restrictions** 1.7 When properly worded signs have been erected and are on display, no person shall operate a vehicle on a highway or part of a highway if any axle of the commercial vehicle or its trailer transmits to the highway a weight in excess of 5 tonnes (5000 kg.) between March 1 and April 30. Bicycle Riders to 1.8 A person riding a bicycle on a roadway shall ride as near to the right hand side of Ride on Right the roadway as is practicable and shall exercise due care when passing a standing vehicle or one proceeding in the same direction. **Motorized Snow** 1.9 (a) No person shall drive a motorized snow Vehicles after 11:00 p.m. vehicle upon any highway within the Township of Cavan Monaghan between the hours of 11:01 p.m. and 7:00 a.m. (b) Section (a) does not apply to a person or persons driving a motorized snow vehicle who is proceeding directly to the residence of the registered owner of the motorized snow vehicle or directly to a place of employment or by emergency services for emergency purposes. Maximum 15 KMH 1.10 When properly worded Speed Limit signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 15 kilometres per hour on any highway or parts of a highway described in Schedule "F", attached to and forming part of this By-law.

Maximum 40 KMH

1.11 When properly worded Speed Limit signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 40 kilometres per hour on any highway or parts of a highway described in Schedule "G", attached to and forming part of this By-law.

Maximum 50 KMH

1.12 When properly worded Speed Limit signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 50 kilometres per hour on any highway or parts of a highway described in Schedule "H", attached to and forming part of this By-law.

Maximum 60 KMH

1.13 All Municipal Roads unless otherwise posted, no person shall drive a motor vehicle at a rate of speed greater than 60 kilometres per hour on any highway unless otherwise posted. This is described in Schedule "I", attached to and forming part of this Bylaw.

Maximum 80 KMH

1.14 When properly worded Speed Limit signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 80 kilometres per hour on any highway or parts of a highway described in Schedule "J", attached to and forming part of this By-law.

Part II - Parking

Parking Restricted

- 2.1 When properly worded signs have been erected and are on display, no person shall park a vehicle on any highway between the limits and periods of time as described in Schedule "A" attached to and forming part of this By-law.
 - (a) When properly worded signs have been erected and are on display, between the hours of 9:00 a.m. and 6:00 p.m., from Monday to Saturday inclusive, no person shall park a vehicle for any one period of time in excess of 15 (fifteen) minutes on those parts of streets named or described in Schedule "C".

- (b) When properly worded signs have been erected and are on display at all entrances to the Millbrook Ward, no person shall park a vehicle on any street between the hours of 2:00 a.m. and 7:00 a.m. of the same day from November 15 of one yearand April 1 of the following year.
- (c) When properly worded signs have been erected and are on display, between the hourof 9:00 a.m. and 6:00 p.m., from Monday to Saturday inclusive, no person shall park a vehicle for any one period of time in excess of (2) two hours on those streets or parts of streets named or described in Schedule "D" ofthis By-law.
- (d) When properly worded signs have been erected and are on display, no person shall parkon a vehicle on the street except as permitted by Schedule "K".

Parking Prohibited

- 2.2 When properly worded signs have been erected and are on display, no person shall, at any time, park a vehicle in the following places within the Township of Cavan Monaghan:
 - (b) In any area described in Schedule "B", Schedule "C", and Schedule "D", attached to and forming part of this By-law.

No Parking General

- 2.3 No person, within the Township of Cavan Monaghan, shall park a vehicle in anyof the following places;
 - a) In front of a public or private driveway;
 - b) Within nine (9) metres of an intersection;
 - c) Within three (3) meters of a Fire Hydrant
 - d) On any highway between the hours of 12:01 a.m. and 7:00 a.m.
 - e) On any Highway in such a manner as to obstruct of impeded the removal of snow from the highway.

- f) Within any cul-de-sac area
- g) No person shall park or stop a vehicle that obstructs a sidewalk or walkways, or obstruct a sidewalk or walkway in any other way.

Stopping Prohibited

- 2.4 No person shall stop a vehicle in any of the following places:
 - (d) In front of the entrance to a public lane or a private driveway or so as to prevent entry to or exit from such public land or private driveway;
 - (e) Within three (3) metres of a fire hydrant;
 - (i) On any highway in such a manner as to obstruct or impede the removal of snow from the highway.
 - (j) On any highway in such a manner as to prevent the convenient removal of another vehicle previously parked or standing;
 - (k) On the highway side of any vehicle previously parked or standing;
 - (I) Alongside or across from any obstruction or excavation in such a manner as to obstruct, impede or otherwise restrict the normal flow of traffic;
 - (m) Opposite another vehicle, parked or standing, on any highway wherein said highway is less than eleven (11) metres in width;
 - (n) On any highway as described in Schedule "A", attached to and forming part of this By-law.

Penalties

2.5 Any person violating any of the provisions of this By-law is liable to the penalty as prescribed by the applicable law for each offence.

Where a vehicle is found parked in contravention of the provisions contained in

		Part II of this By-law, an Ontario Provincial Police, Peterborough Police Services or a Provincial Offences Officer or a Municipal Law Enforcement Officer authorized to enforce the By-law finding the vehicle may have the vehicle towed away at the expense of the owner			
By-laws Repealed	2.6	That all previous traffic By-laws are hereby repealed in their entirety.			
Effective Date	2.7 This By-law shall come into force and take effect upon final passage by the Township of Cavan Monaghan and when signs have been erected and are on display in compliance with the regulations of the Ministry of Transportation of Ontario				
That By-Law 2019-25 be re	pealed in	its entirety.			
Read a first, second and thi 2021.	rd time ar	nd passed thisday of			
Scott McFadden, Mayor		Cindy Page, Clerk			

Schedule "A"

No Stopping

When properly worded signs have been erected and are on display, no person shall park a vehicle on any of the highways or parts of highways hereinafter set out:

Anne Street North Side – from Hay Street to Cavan Street

East Side – from Cavan Street to Frederick Street

Centre Street North Side – from Union Street to a point 35 metres east of

Union Street

South Side – from Union Street to west limits of Centre Street

Distillery Street West Side

Duke Street East Side – from King Street east to a point 58 metres south

of King Street East

Needler's Lane North Side – from Allan Lane to Hay Street

South Side from Baxter Creek to a point 15 metres

west of Baxter Creek

Frederick Street South Side – from Anne Street to Main Street

Hay Street West Side – entire side of street to Anne Street

East Side – from a point 50 metres south of King Street East

to Needler's Lane

Huston Street West Side – from King Street West to south limits of

Huston Street

Lisa Court Both Sides – within circle at south end of Lisa Court

Main Street East Side – from a point 69 metres south of King Street

East to Charles Street

East Side – from Marshall Street to a point 67 metres

north of Frederick Street

East Side – from Frederick Street to the south limits of Main Street

West side – from a point 48 metres south of King Street East

to a point 35 metres south of Charles Street

West Side - from a point 45 metres south of Marshall Street

to a point 30 metres north of Frederick Street

Needler's Lane East Side – from a point 27 metres south of Distillery Street

to a point 66 metres south of Distillery Street

West Side – from Distillery Street to a point 69 metres south

of Distillery Street

West Side – from King Street West to the north limits of Queen Street

Queen Street

West Side – from Centre Street to a point 50 metres south of Centre Street **Union Street**

Schedule "B"

Restricted Parking

1. Unless otherwise properly signed, no person shall park a vehicle on any highway for longer than four (4) hours or in such a manner as to impede snow removal.

Schedule "C"

Restricted Parking

When properly worded signs have been erected and are on display, no person shall park a vehicle on a highway or parts of highways hereinafter set out in excess of 15 (fifteen) minutes:

Union Street West Side – From a point 9 metres north of King Street West to a

point 19 metres north of King Street West

Schedule "D"

Restricted Parking

When properly worded signs have been erected and are on display, no person shall park a vehicle on a highway or parts of highways hereinafter set out in excess of 2 (two) hours:

Hay Street East Side – Between King Street East to a point 50 metres

south of King Street East

Distillery Street West Side – Between King Street East and Needler's Lane

East Side – Between King Street East and the north

abutment of Baxter Creek Bridge

Centre Street South Side – Between Tupper Street and Union Street

North Side – Between Tupper Street and a point 35 metres

east of Union Street

Union Street East Side – Between King Street West and Centre Street

West Side – Between a point 19 metres north of King Street

West and a point 50 metres south of Centre Street.

Schedule "E"

Providing for the Erection of Stop Signs at Intersections

The intersections on highways set out in Column 1 are designated as intersections where Stop signs shall be erected at the locations shown in Column 2.

Column 1: Intersection

McCamus ¼ Line at Eagleson Line McCamus ¼ Line at Carmel Line Brackenridge Dr. at Carmel Line Brackenridge Dr. at Deyell Line T-Way Dr. at Deyell Line Thorne Dr. at Deyell Line Thorne Dr. at Zion Line Bee Dr. at Deyell Line Ava Cr. at Deyell Line Carveth Dr. at Zion Line Elgar Dr. at Zion Line Elgar Ct. at Elgar Dr. White Birch Rd. at White Birch Rd.

White Birch Rd. at White Birch Rd. Zion Line at Glamorgan Rd. Hutchison Dr. at Zion Line

Dr.

Hutchison Dr. at Cedar Valley Rd. Hutchison Dr. at Cedar Cr.

Hutchison Dr. at Larmer Line

Dr.

Hutchison Dr. at Syer Line Glamorgan Rd. at Fallis Line Fallis Line at Tapley 1/4 Line

Valleyview Dr at Fallis Line west side Valleyview Drive at Fallis Line east side Morningside Place at Valleyview Drive

Scout Cr. at Tapley ¼ Line
Tapley ¼ Line at Valley Rd.
Deer Ave. at Valley Rd.
Acadia Ct. at Valley Rd.
Pine Tree Cr. at Valley Rd.
Maple Tree Cr. at Pine Tree Cr.
Plains Circle at Deer Ave

Plains Circle at Plains Circle Larmer Line at Tapley ¼ Line Deer Ave. at Larmer Line Valley Rd. at Larmer Line Vista Cr. at Syer Line

Syer Line at Tapley ¼ Line Highview Cr. at Syer Line Dranoel Rd. at Syer Line Dranoel Dr. at Dranoel Rd.

Column 2: Facing Traffic

Southbound on McCamus ¼ Line Northbound on McCamus ¼ Line Southbound on Brackenridge Dr. Northbound on Brackenridge Dr. Northbound on T-Way Dr. Southbound on Thorne Dr. Northbound on Thorne Dr. Northbound on Bee Dr. Southbound on Ava Cr. Southbound on Carveth Dr. Northbound on Elgar Dr. Westbound on Elgar Ct.

Westbound on White Birch Rd.
Eastbound on White Birch Rd.
Westbound on Zion Line

North and Southbound on Hutchison

Westbound on Cedar Valley Rd. Eastbound on Cedar Cr. North and Southbound on Hutchison

Northbound on Hutchison Dr. Northbound on Glamorgan Rd.

East and Westbound on Southbound on Valleyview Southbound on Valleyview Southbound on Morningside

Westbound on Scout Cr.
Westbound on Valley Rd.
Southbound on Deer Ave.
Northbound on Acadia Ct.
Eastbound on Pine Tree Cr.
Northbound on Maple Tree Cr.
Eastbound on Plains Circle
Southbound on Plains Circle
Westbound on Larmer Line
Northbound on Deer Ave.
Northbound on Valley Rd.
Southbound on Vista Cr.

East and Westbound on Syer Line Southbound on Highview Cr. Westbound on Syer Line Westbound on Dranoel Dr.

Ford Cr. at Ford Dr. Moore Dr. at Moore Dr. Morton Line at Dranoel Rd. Tapley 1/4 Line at Morton Line Sharpe Line at Dranoel Rd. Jack Lane at Sharpe Line Sharpe Line at Winslow ¼ Line Cora Drive at Sharpe Line Howden ¼ Line at Sharpe Line Cathcart Cr. at Stewart Line Preston Rd. at Stewart Line Howden ¼ Line at Stewart Line Winslow ¼ Line at Stewart Line Darling Cr. at Stewart Line Darling Cr. at Darling Cr. Jill Lane at Stewart Line Howden ¼ Line at Hooton Dr. Hooton Dr. at Hooton Dr. Fieldview Dr. at Hooton Dr. Hooton Dr. at Preston Rd. Best Rd. at Haves Line Jones 1/4 Line at Bland Line Shields Dr. at Bland Line Hayes Line at Jones 1/4 Line Albert St. at Bland Line High St. at Mt. Pleasant Rd. Albert St. at Mt. Pleasant Rd. Meadow Lane at Workman St. Rose Cr. at Kennedy Dr. Ashley Cr. at Cathcart Cr. Brewda Cres. at Kalman Drive Kalman Drive at Carmel Line **Dufferin Street at Gravel Road** Needler's Lane and Distillery St. Needler's Lane and Allen Lane Hay Street and Needler's Lane Prince Street at Anne Street Princess Street at Anne Street Cavan Street at Anne Street Anne Street at Frederick Street Frederick Street at Anne Street Frederick Street at Main Street Frederick Street at Main Street Marshall St. at Main Street Charles Street at Main St. Charles Street at Main St. Sowden Lane at Main St. Union St. at Centre Street Union St. at Manor Drive Baxter Creek Ct. at Brookside St. Burnham Ct. at McGuire Dr. Wing St. at Bank St. South Century Blvd. at Centennial Lane

Eastbound on Ford Cr. Eastbound on Moore Dr. Westbound on Morton Line Northbound on Tapley 1/4 Line Westbound on Sharpe Line Southbound on Jack Lane Westbound on Sharpe Line Northbound on Cora Dr. North and Southbound on Howden ¼ Line Northbound on Cathcart Cr. Southbound on Preston Rd. North and Southbound on Howden 1/4Line North and Southbound on Winslow 1/4 Line Northbound on Darling Cr. Southbound on Darling Cr. Northbound on Jill Lane North and Southbound on Howden ¼Line Westbound on Hooton Dr. Northbound on Fieldview Dr. Eastbound on Hooton Dr. Northbound on Best Rd. Southbound on Jones 1/4 Line Northbound on Shields Dr. Northbound on Jones 1/4 Line Northbound on Albert St. North and Southbound on High St. Southbound on Albert St. Westbound on Meadow Lane Westbound on Rose Cr. Eastbound on Ashley Cr. Westbound on Brewda Cres. Northbound on Kalman Drive Eastbound on Dufferin Street Northbound on Needler's Lane Southbound on Allen Lane Westbound on Needler's Lane Northbound on Prince Street Northbound on Princess Street Eastbound on Cavan Street Southbound on Anne Street Eastbound on Frederick Street Westbound on Frederick Street Eastbound on Frederick Street East and Westbound on Marshall St. Westbound on Charles Street Eastbound on Charles Street Westbound on Sowden Lane North and Southbound on Union St. All (4) Way Stop Northbound on Baxter Creek Ct. Southbound on Burnham Ct. Westbound on Wing St. Southbound on Century Blvd.

Century Blvd. at Nina Court Bartlett Rd. at Whitfield Rd. Maplehill Court at Maplehill Drive Campbell Avenue at Longview Drive Filman Crescent at Longview Drive Campbell Avenue at Campbell Avenue Whittington Drive at Dobbin Road Drive Whittington Drive at Elmdale Road Drive Davis Road at Stewart Line Davis Road at Maple Grove Road Maple Grove Road at Preston Road Road Elmdale Road at Brown Line Brown Line at Elmdale Road Worboy Ct at Beardsmore Road Carolyn Street at Johnston Dr. Skiview Dr. at Hillview Dr. Highlands Blvd. at Fallis Line Highands Blvd. at Horizon Avenue Fernridge Heights at Highlands Blvd. Fernridge Heights at Northhill Ave. Northhill Ave. at Highlands Blvd Northhill Ave. at Bromont Dr. Northhill Ave. at Bromont Dr. Northhill Ave. at Horizon Ave. Pristine Trail at Highlands Blvd. Pristine Trial at Highlands Blvd. Pristine Trail at Bromont Dr. Timber Dr. at Pristine Trail Timber Dr. at Highlands Blvd. Station Dr. at Pristine Trail Station Dr. at Highlands Blvd. Melrose Dr. at Pristine Trail Melrose Dr. at Highlands Blvd. Bromont Dr. at Fallis Line Bromont Dr. at Highlands Blvd. Horizon Ave. at Bromont Dr. Horizon Ave. at Highlands Blvd.

Northbound on Century Blvd. Southbound on Bartlett Rd Eastbound on Maplehill Court East & Westbound on Campbell Ave Eastbound on Filman Crescent Southbound on Campbell Ave East & Westbound on Whittington East & Westbound on Whittington Southbound on Davis Road Northbound on Davis Road Westbound on Maple Grove Southbound on Elmdale Road East & Westbound on Brown Line Eastbound on Worboy Northbound on Carolyn Street Westbound on Skiview Dr. Northbound on Highlands Blvd. Westbound on Highlands Blvd. Westbound on Fernridge Heights Southbound on Fernridge Heights Westbound on Northhill Ave. Eastbound on Northhill Ave. Westbound on Northhill Ave. Eastbound on Northhill Ave. Westbound on Pristine Trail Eastbound on Pristine Trail Eastbound on Pristine Trail Northbound on Timber Dr. Southbound on Timber Dr. Northbound on Station Dr. Southbound on Station Dr. Northbound on Melrose Dr. Southbound on Melrose Dr. Northbound on Bromont Dr. Southbound on Bromont Dr. Westbound on Horizon Ave. Southbound on Horizon Ave.

Schedule "F"

15 KMH Speed Limit

When properly worded signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 15 kilometres per hour as hereinafter set out:

Highway	From	То
Mervin Line	Airport Road	End

Schedule "G"

40 KMH Speed Limit

When properly worded signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 40 kilometres per hour as hereinafter set out:

Highway	From	То
Ford Drive Ford Crescent Highview Crescent	Highway 7A Highway 7A Syer Line	End Ford Drive End
Carveth Drive	Zion Line	Huston
Plains Circle	Deer Ave	Deer Ave

Schedule "H"

50 KMH Speed Limit

When properly worded signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 50 kilometres per hour as hereinafter set out:

Highway	From	То	
Carmel Line Edgewood Park Drive Preston Road Hooton Drive Larmer Line Tapley ¼ Line Cedar Valley Road Hutchison Drive Morton Line Sharpe Line Scout Crescent Plains Circle Pine Tree Crescent Maple Tree Crescent Valley Road Acadia Court Valleyview Drive Morningside Place White Birch Road Kennedy Drive Rose Crescent Workman Street Meadow Lane High Street Albert Street Rothesay Avenue Ashley Cres. Syer Line	County Rd. 28 Mount Pleasant Road Maple Grove Road Preston Road Tapley ¼ Line Fallis Line Hutchison Drive 100 metres north of Cedar Valley Road Highway 7 County Rd. 10 County Rd. 10 Tapley ¼ Line Deer Avenue Valley Rd. Pine Tree Crescent Tapley ¼ Line Valley Road Fallis Line Valley Road Fallis Line Valleyview Drive Elgar Drive Mount Pleasant Road Kennedy Drive Mount Pleasant Road Workman Street Mill Street Workman Street Mount Pleasant Road Lansdowne Street Cathcart Cres. County Rd. 10	1150 meters westerly End Stewart Line 650 meters westerly 1300 metres easterly Syer Line County Rd. 28 700 metres southerly 500 metres westerly 1200 metres easterly 700 metres westerly End End End End End End End End High Street Bland Line End End End High Street Bland Line End End End End End High Street Bland Line End	
Clifford Line Dobbin Road Whittington Drive Davis Road Elmdale Road Brown Line Beardsmore Road Johnston Drive Whitfield Road Bartlett Road Longview Drive Campbell Avenue	Hwy 7 Whittington Drive Rosemount Gardens Stewart Line North Monaghan Hwy 7 Airport Road Worboy Court County Road 28 Moncrief Line Sherbrooke St. W. Longview Drive	Municipal address 888 Syer Line End 1.2 km to city limits 3.2 Easterly Maple Grove Road Brown Line Airport Road Worboy Court City Limits End Whitfield Road End East end	2

Campbell Avenue Longview Drive Campbell Avenue Filman Crescent Longview Drive **Longview Drive** Beardsmore Road Carolyn Street End **Worboy Court** Beardsmore Road End Brown Line Airport Road East end Maplehill Drive Sherbrooke Street End Maplehill Court Maplehill Drive End Deer Avenue Larmer Line Valley Road Elgar Court Elgar Drive End Kalman Drive Carmel Line End Brewda Court Kalman Drive End Skiview Drive Hillview Drive End End Miller Street County Road 10 County Road 10 Elizabeth Street King George Street Elizabeth Street Miller Street King George Poplar Plains Drive County Road 10 Fallingbrook Drive Cavan Woods Drive County Road 10 Fallingbrook Drive Fallingbrook Drive Poplar Plains Drive Cavan Woods Mount Pleasant Road Queen Mary Street **High Street** Queen Mary Street Blue Jay Street Alexander Drive Alexander Drive Blue Jay Street End Stewart Line Jill Lane End Fieldview Drive **Hooton Drive** End **Huston Street** Millbrook Ward limits Carveth Drive Sunset Drive Highway 7A End

All Highways within the Millbrook Settlement Area.

Schedule "I"

60 KMH Speed Limit

When properly worded signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 60 kilometres per hour as hereinafter set out:

Highway	From	То
Stewart Line Wilson Line	Dranoel Rd 1100 metres west of County Rd. 10	Preston Road 800 metres westerly
Darling Crescent Jack Lane	Stewart Line Sharpe Line	End End
Vista Crescent	Syer Line	End
Elgar Drive Bee Drive	Zion Line Deyell Line	End End
Ava Crescent	Deyell Line	End
T-Way Drive Carmel Crescent	Deyell Line County Rd. 10	End End
Zion Line	County Rd. 28	800 metres westerly
Zion Line Sharpe Line	County Rd. 10 Highway 7	422 Zion Line Howden ¼ Line
Cathcart Crescent	Stewart Line	Hwy 7
Deyell Line Bland Line	County Road 10 Jones ¼ Line	Hutchison Drive County Rd 10
Bland Line	Jones ¼ Line	300 metres westerly
Jones ¼ Line Syer Line	Bland Line Tapley ¼ Line	300 metres northerly County Rd 28
Carmel Line	County Rd. 10	100 metres east of County Rd. 28.
Howden 1/4 Line	Stewart Line	Sharpe Line

Schedule "J"

80 KMH Speed Limit

When properly worded signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 80 kilometres per hour as hereinafter set out:

Schedule "K"

Heavy Vehicles Restricted

Road	Section	Restricted Hours
Cathcart Cr.	From Stewart Line to Highway 7	At all times
Dobbin Road	From limits of City of Peterborough to Dobbin Road south	At all times
Elmdale Road	From Brown Line to South entrance to Sysco Food Terminal	At all times
Whittington Dr.	From limits of City of Peterborough west to Dobbin	At all times
Whitfield Road	Bartlett Road/Whitfield Landing Intersection to the east end	At all times
Brown Line	From Hwy. 7 to Airport Road	At all times
Preston Road	Maple Grove Road to Stewart Line	At all times
Brown Line	Hwy 7 to Airport Road	At all times
Davis Road 1.4 km Northbound	From Stewart Line	At all times
Preston Road	Maple Grove Road to Stewart Line	At all times
Brown Line	Hwy 7 to Airport Road	At all times
Whittington Drive	East of 2085 Whittington Drive to End	At all Times

Schedule "L"

No Parking

When properly worded signs have been erected and are on display, no person shall park a vehicle on the street identified except as permitted herein;

Highway	From	То
Brookside Street	Tupper Street North Side – January 1 South Side – July 1 – D	
Brookside Street	97 Brookside Street	6 metres East of Driveway at Brookside Street
Needler's Lane	Distillery Street	66 metres south of Distillery Street along the East side of Distillery Street
Highlands Boulevard	Fallis Line East and North Side – J West and South Side –	
Highlands Boulevard	Melrose Drive North and West Side – S South and East Side – S	
Fernridge Heights	Highlands Boulevard South and West Side – North and East Side – J	January 1 – June 30
Northhill Avenue	Highlands Boulevard South Side – January 1 North Side – July 1 – De	– June 30
Pristine Trail	Highlands Boulevard South Side – January 1 North Side – July 1 – De	– June 30
Timber Drive	Highlands Boulevard East Side – January 1 – West Side – July 1 – De	- June 30
Station Drive	Highlands Boulevard East Side – January 1 – West Side – July 1 – De	- June 30
Melrose Drive	Highlands Boulevard East Side – January 1 – West Side – July 1 – De	- June 30

Bromont Drive Fallis Line Highlands Boulevard

East Side – January 1 – June 30 West Side – July 1 – December 31

Horizon Avenue Bromont Drive Highlands Boulevard

South and East Side – January 1 – June 30 North and West Side – July 1 – December 31

Cedar Crescent Hutchinson Drive End of Cedar Crescent on the

South East side

Attachment No. 02

From: Jamie Hartnett < JHartnett@peterborough.ca>

Sent: September 25, 2022 2:51 PM

To: Wayne Hancock < whancock@cavanmonaghan.net > **Subject:** RE: Reduced Speed Limit Update For Bylaw

Wayne,

The exact relation between speed and crashes depends on many factors. However, in a general sense the relation is very clear, if on a road the driven speeds become higher, the crash rate will also increase. I have attached an article supporting this evidence.

Inspector Lyons outlined in a previous report that speed reduction in certain locations has shown to reduce Property Damage Motor Vehicle Collisions (PDMVC) and Personal Injury Motor Vehicle Collisions (PIMVC). Attached is an article from a speed reduction study in Toronto where speed was reduced from 40 Km/h to 30 Km/h and its correlation to the reduction in pedestrian injuries:

https://bmcpublichealth.biomedcentral.com/articles/10.1186/s12889-019-8139-5

Our policing stats show that collisions in Cavan Monaghan have increased and in fact they were up 62% in the second quarter of 2022 compared to the same time in 2021.

We have always said that lowering speeds will increase reaction time which leads to fewer collisions. Typically, average vehicle operators will drive 5-10 Km/h over the posted limit. Some obviously will increase it more than that, but the average is 5-10 over. By reducing the 80 Km/h to 60 Km/h it will increase reaction time and should show marked improvement in the reduction of collisions, the "near misses" and overall perception of speeding.

Speed reduction is a growing trend in many municipalities. It has proven that it will reduce collisions and will make citizens feel safer with a lower limit. It will also keep Insurance Brokers from seeking higher premium increases due to fewer collisions, which benefits all of us.

During the recent school bus and school zone initiative in Cavan it was evident that speed was a concern as we issued over one hundred Provincial Offence Notices (PON's) in a 7-day period. A large number of these PON's were for speeding infractions at least 30 km per hour over the posted speed limit.

I hope this covers off what you were looking for. If there is anything else that I can provide, please just ask.

Sincerely,

Jamie

Inspector Jamie Hartnett
Divisional Commander of Operations
CMM III Police Professional
Peterborough Police Service
500 Water Street
Peterborough, ON, K9J 7Y4
Office: 705-876-1122 ext. 242

Fax: 705-876-6005

Please do not feel that you must respond if this is outside your normal working hours.

SWOV Fact sheet



The relation between speed and crashes

Summary

The exact relation between speed and crashes depends on many factors. However, in a general sense the relation is very clear: if on a road the driven speeds become higher, the crash rate will also increase. The crash rate is also higher for an individual vehicle that drives at higher speed than the other traffic on that road. As speeds get higher, crashes also result in more serious injury, for the driver who caused the crash as well as for the crash opponent. The injury severity of the vehicle occupants in a crash, for example, is not only determined by the collision speed, but also by the mass difference between the vehicles and by the vulnerability of the vehicles/road users who are involved. In a crash between a light vehicle and a heavier one, the occupants of the lighter vehicle generally are considerably worse off than the occupants of the heavier vehicle. Even more so this is the case for pedestrians, cyclists and moped riders in crashes with (much) heavier motor vehicles.

Background and content

Speed is one of the basic risk factors in traffic (Wegman & Aarts, 2006). Higher driving speeds lead to higher collision speeds and thus to severer injury. Higher driving speeds also provide less time to process information and to act on it, and the braking distance is longer. Therefore the possibility of avoiding a collision is smaller. In short: high driving speeds lead to a higher crash rate, also with a greater likelihood of a severer outcome (Aarts, 2004; Aarts & Van Schagen, 2006). However, not everything is known yet about the exact relation between speed and road safety, and the conditions that influence this relation. This makes it difficult, for example, to calculate the exact effects of specific speeding measures. This fact sheet summarizes the most recent insights in the relation between speed and road safety. Other SWOV Fact sheets that discuss aspects of the topics speed and speeding are <u>Speed choice</u>, the effect of man, vehicle, and road; <u>Towards credible speed limits</u>; <u>Measures for speed management</u>; <u>Police enforcement and driving speed</u>; <u>Speed cameras: how they work and what effect they have</u> and <u>Intelligent Speed Assistance (ISA)</u>.

How important is the role of speed in crashes?

In theory, speed plays a role in every road crash: if everybody were to stand still, there would be no traffic. However, it is very difficult to determine the number of crashes in which too fast a speed was the main cause. In addition to speed, there often are various other factors involved that play a role in a crash occurring. In any case: the risk of a crash occurring is greater as speeds get higher; this is one of the reasons that speed limits are set. However, this does not mean that 'keeping to the limit' is always safe. Speed is also dangerous if it is higher than the circumstances at that moment allow (e.g. because of rain, fog or large traffic volume). In general, this inappropriate speed in particular is difficult to determine objectively. Therefore the police rarely register speed as the crash cause. It is generally assumed that about one third of fatal crashes are (partly) caused by speeding or by inappropriate speed (OECD/ECMT, 2006).

What is the relation between speed and crash severity?

The relation between speed and safety rests on two pillars. The first pillar is the relation between collision speed and the *severity* of a crash; the second pillar is the relation between speed and the *risk* of a crash. The higher the collision speed, the more serious the consequences in terms of injury and material damage. This is a law of physics that involves the quantity of kinetic energy that is converted in an instant into e.g. heat and matter distortion. In addition, the human body is physically very vulnerable in comparison with the enormous forces released in a collision. During the past decades, vehicles have become ever better equipped (with crush areas, airbags and seatbelts) to absorb the energy released in a crash, thus protecting the occupants. However, the collision speed still is very important for the crash outcome.

Which road users have the most risk of injury?

Besides speed, the mass of the vehicles involved is important for the outcome of a crash. In collisions between two vehicles of different mass, the occupants of the lighter vehicle are generally considerably worse off than those in the heavier vehicles. The difference in mass determines which vehicle absorbs which part of the released energy. Generally speaking, the energy absorption is inversely proportional to the masses of the vehicles.

Vehicle masses can differ enormously. This is particularly true for lorries and cars, between which the mass difference can amount to a factor of 10 or more. But there are also considerable mass differences between passenger cars, and these are becoming greater (a factor of 3 is by no means an exception). This 'incompatibility' of vehicles still is a large road safety problem (see also SWOV Fact sheet *Euro NCAP*, a safety tool). SWOV has calculated that in crashes between two passenger cars the number of fatalities among drivers would be reduced by a quarter if all passenger cars were to be of the same mass (Berends, 2009).

The incompatibility in collisions between vulnerable road users and practically any type of motor vehicle is of a completely different order. There are mass differences from a factor of 10 (light cars) to nearly 700 (lorries of 50 tons). In addition, pedestrians, cyclists, (light-)moped riders and motorcyclists do not have an 'iron cage' around them that can absorb some of the energy released in a collision. For example, in a collision between a car and a cyclist or pedestrian, the survival rate of the latter two decreases enormously as the car's collision speed increases. According to an overview of recent studies (Rósen et al., 2011): at a collision speed of 20 km/h nearly all pedestrians survive a crash with a passenger car; about 90% survive at a collision speed of 40 km/h, at a collision speed of 80 km/h the number of survivors is less than 50%, and at a collision speed of 100 km/h only 10% of the pedestrians survive. See *Figure 1*)).

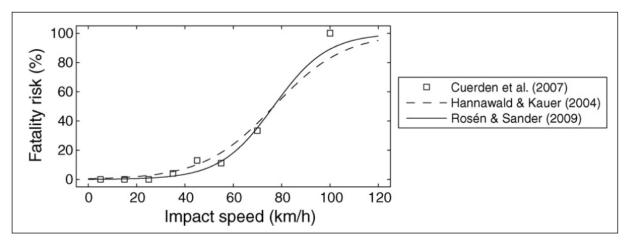


Figure 1. The fatality rate of pedestrians in crashes with passenger cars as function of the collision speed (from Rosén et al., 2011).

What is the relation between absolute speed and risk of a crash?

The second pillar of the relation between speed and safety concerns the *risk* of a crash. The faster a car is driven, the higher the risk of being involved in a crash. This is partly due to the longer braking distance and partly to the fact that the human being is limited in its capacity to process information and act on it. It must be noted, however, that the relation between speed and crash rate is much less direct and much more complicated than the relation between speed and crash severity.

Relatively many studies have examined the relation between absolute speed and crash rate. Irrespective of the research method used, practically all the studies concluded that the relation between speed and crash rate can best be described as a power function: the crash rate increases more rapidly when the speed increases and vice versa (*Figure 2*).

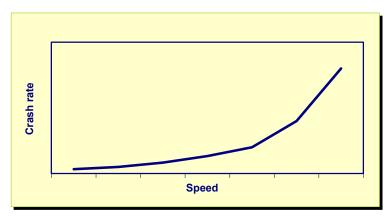


Figure 2. Diagram showing the relation between speed and crash rate.

Very well-known Scandinavian studies that are still often quoted in this context are those carried out by Nilsson (1982; 2004), Elvik, Christensen & Amundsen (2004) and Elvik (2009). These studies examined the effects on the number of crashes of the increases and decreases of average speeds on a road section mostly due to changes in speed limit. Furthermore, the effect of the speed driven by individual vehicles with respect to that of the other traffic was also investigated. This will be discussed later, in the section about speed differences.

What is the quantitative effect of absolute speed?

As described above, absolute speed has an effect on the crash rate and on injury severity. In the early 1980s, Nilsson (1982) quantified this relationship on the basis of kinetic laws. According to his calculations, the effect of a change in the average speed on a road on the number of injury crashes could be expressed by the formula:

$$LO_2 = LO_1 \left(\frac{v_2}{v_1}\right)^2$$

with LO_2 being the number of injury crashes after the change in speed, LO_1 being the initial number of injury crashes, v_1 being the average speed before the change, and v_2 being the average speed afterwards. The same formula could be used to describe the effect on the number of crashes with severe injury, but not to the power 2, but to the power 3, and for fatal crashes its effect was to the power 4. The power functions have largely been validated using newer data (Nillson, 2004; Elvik, Christensen & Amundsen 2004).

A recent study (Elvik, 2009) made it possible to refine this quantitative relationship, by, among other things, making a distinction between urban and rural roads. This showed that the effect of an increase or decrease of speed on rural roads is relatively greater than the effect on urban roads. 'Relatively' in the sense of 'regarding the percentage of speed increase or decrease'. If we regard an absolute increase or decrease of for example 1 km/h, this has a greater effect on rural than on urban roads. *Table 1* shows the exponents of the power functions for these two road categories and for different crash severities.

Based on Nillsson's formula and the 'substitute' exponents from *Table 1*, the effects of speed changes can be estimated for different speed limits and for different crash severities. For example: if on a road the average speed goes down from 120 to 119 km/h, the number of road fatalities is estimated to be reduced by 3,8% and the serious road injuries by 2,9%. And if on a road the average speed goes down from 50 to 49 km/h, this is expected to result in 5,9% fewer fatalities and 4% fewer serious road injuries.

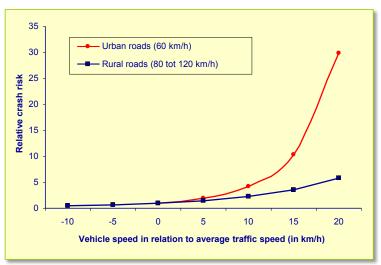
Crash severity	Rural (incl. Mo		Urban roads			
Crash severity	Best estimate exponent	95% reliability interval	Best estimate exponent	95% reliability interval		
Fatal crashes	4,1	(2,9-5,3)	2,6	(0,3-4,9)		
Casualties with fatal injury	4,6	(4,0-5,2)	3,0	(-0,5-6,5)		
Crashes with serious injury	2,6	(-2,7-7,9)	1,5	(0,9-2,1)		
Casualties with serious injury	3,5	(0,5-5,5)	2,0	(0,8-3,2)		
Crashes with slight injury	1,1	(0,0-2,2)	1,0	(0,6-1,4)		
Casualties with slight injury	1,4	(0,5-2,3)	1,1	(0,9-1,3)		

Table 1. The exponents of the power functions for the relationship between speed and crashes/casualties with different injury severity (Elvik, 2009).

What is the effect of speed differences?

In addition to absolute speeds, the speed differences between vehicles also have an effect on the crash rate. This effect is studied in two ways. The first type of studies are those that compare the crash rates between roads that have a large speed variance (large differences in vehicle speeds during a 24 hour period) and roads that have a small speed variance. These studies mostly conclude that roads with a large speed variance are less safe (Aarts & Van Schagen, 2006).

The second type of studies are those that concentrate on the speed differences between the individual vehicles that were involved in a crash and all the other vehicles. The first studies of this type were conducted in the United States in the 1950s and 1960s, e.g. Solomon (1964). These studies always found a U-curve: the slower or faster a car drives compared with most of the vehicles on that road, the more the risk of being involved in a crash increased. However, more recent studies, especially those carried out in Australia (e.g. Kloeden et al., 1997; 2001; 2002) that used more modern measuring instruments and used a more accurate research design, reached a different conclusion. They still indicate that vehicles that drive faster than average on that road have a higher crash rate; vehicles that drive slower, however, were found not to have an increased risk (*Figure 3*).



Afbeelding 3. The relative risk on urban roads (Kloeden et al., 2002) and rural roads (Kloeden et al., 1997; 2001) for vehicles driving faster or slower than the average speed on that road (=0 km/h deviation).

Conclusion

The exact relation between crashes and speed depends on a large number of factors. In general however, the relation is very clear and has been shown in a large number of studies: the higher the speed, the greater the probability of a crash. At the same percentage increase in speed, the crash rate

on rural roads increases more than the crash rate on urban roads. The crash rate is also higher for an individual vehicle that drives faster than the other traffic on that road.

As the speed increases, the injury severity in crashes also increases, for the driver who is responsible for the crash occurring as well as for the collision opponent. The mass and vulnerability of the vehicles/road users who are involved also plays a role. In crashes between a lighter and a heavier vehicle the occupants of the lighter vehicle are generally worse off than the occupants of the heavier vehicle. More so this is the case for pedestrians, cyclists and moped riders in crashes with (much) heavier motor vehicles.

Publications and sources [SWOV reports in Dutch have a summary in English]

Aarts L.T. (2004). <u>Snelheid, spreiding in snelheid en de kans op verkeersongevallen; Literatuurstudie</u> en inventarisatie van onderzoeksmethoden. R-2004-9. SWOV, Leidschendam.

Aarts, L. & Schagen, I.N.L.G. van (2006). <u>Driving speed and the risk of road crashes; A review</u>. In: Accident Analysis and Prevention, vol. 38, nr. 2, p. 215-224.

Berends, E.M. (2009). <u>De invloed van automassa op het letselrisico bij botsingen tussen twee personenauto's: een kwantitatieve analyse</u>. R-2009-5. SWOV Leidschendam,

Elvik, R. (2009). <u>The Power Model of the relationship between speed and road safety: update and new analyses</u>. TØI Report 1034/2009. Institute of Transport Economics TØI, Oslo.

Elvik, R., Christensen, P. & Amundsen, A. (2004). <u>Speed and road accidents; An evaluation of the Power Model.</u> Institute of Transport Economics TØI, Oslo.

Kloeden, C.N., McLean, A.J. & Glonek, G. (2002). <u>Reanalysis of travelling speed and the risk of crash involvement in Adelaide South Australia.</u> Report CR 207. Australian Transport Safety Bureau ATSB, Civic Square, ACT.

Kloeden, C. N., McLean, A. J., Moore, V. M. & Ponte, G. (1997). <u>Travelling speed and the risk of crash involvement. Volume 1: findings.</u> Report CR 172. Federal Office of Road Safety FORS, Canberra.

Kloeden, C. N., Ponte, G. & McLean, A. J. (2001). <u>Travelling speed and the risk of crash involvement on rural roads</u>. Report CR 204. Australian Transport Safety Bureau ATSB, Civic Square, ACT.

Nilsson, G. (1982). <u>The effects of speed limits on traffic accidents in Sweden.</u> In: Proceedings of the international symposium on the effects of speed limits on traffic accidents and transport energy use, 6-8 October 1981, Dublin. OECD, Paris, p. 1-8.

Nilsson, G. (2004). *Traffic safety dimensions and the power model to describe the effect of speed on safety*. Lund Bulletin 221. Lund Institute of Technology, Lund.

OECD/ECMT (2006). <u>Speed management.</u> Organisation for Economic Co-operation and Development OECD/European Conference of Ministers of Transport ECMT, Paris.

Rosén, E., Stigson, H. & Sander, U. (2011). *Literature review of pedestrian fatality risk as a function of car impact speed*. In: Accident Analysis and Prevention, vol. 43, nr. 1, p. 25-33.

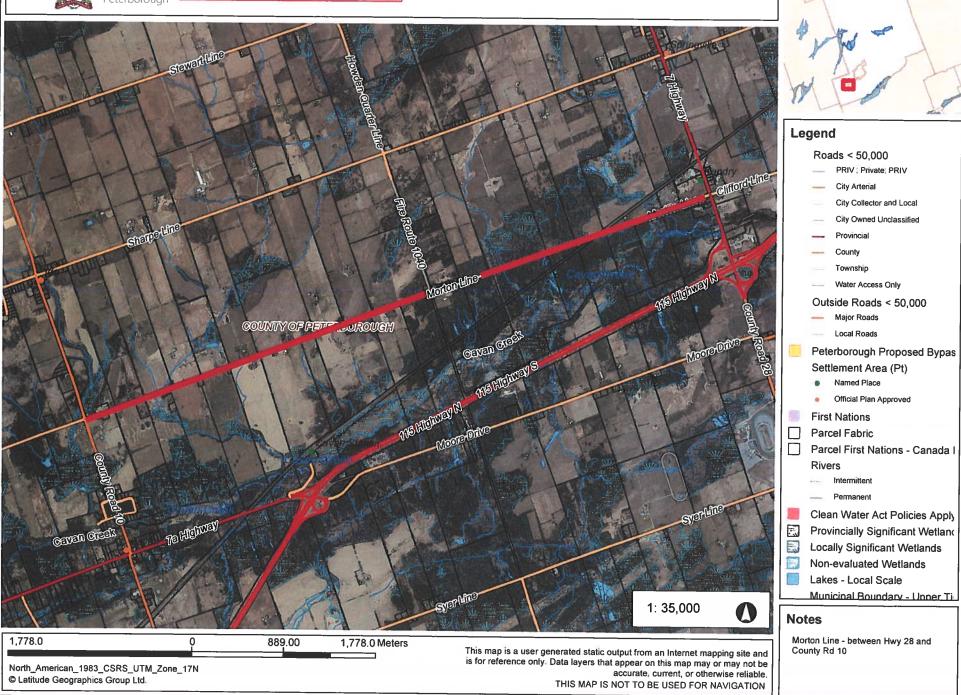
Solomon, D. (1964). <u>Accidents on main rural highways related to speed, driver and vehicle.</u> Bureau of Public Roads, U.S. Department of Commerce, Washington, D.C.

Wegman, F. & Aarts, L. (eds.) (2006). <u>Advancing sustainable safety; National Road Safety Outlook for 2005-2020.</u> SWOV, Leidschendam.



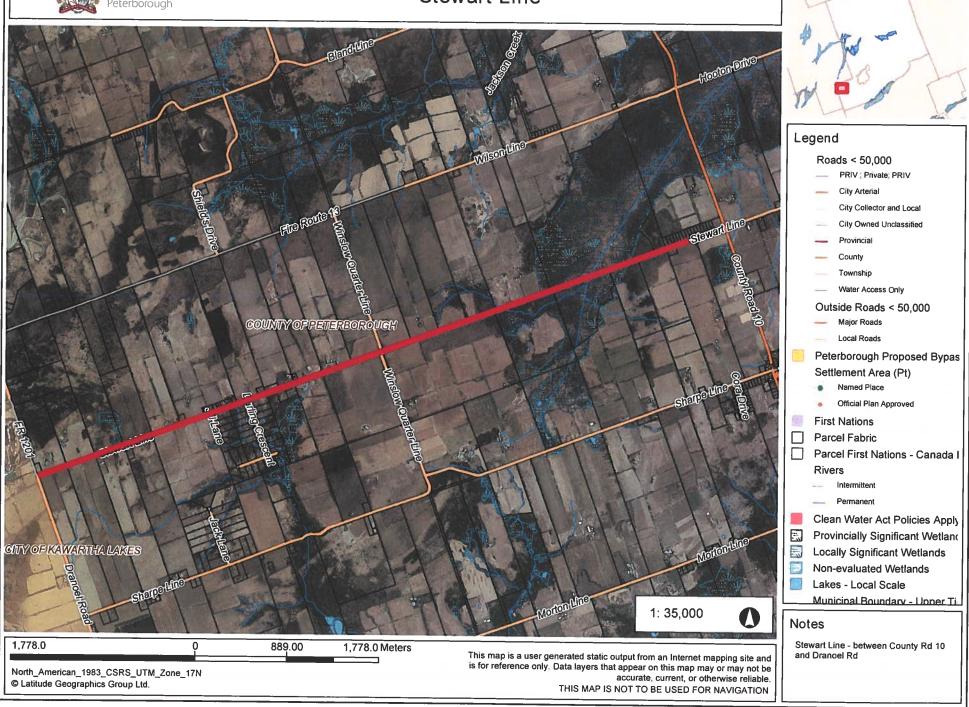
Attachment No. 03

Morton Line



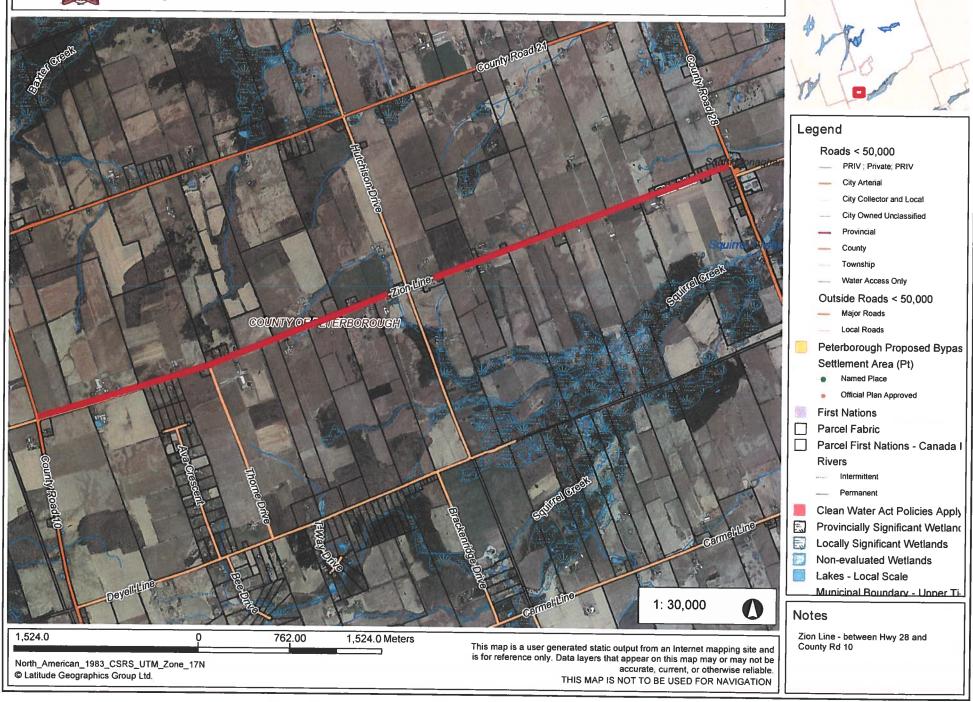


Stewart Line





Zion Line

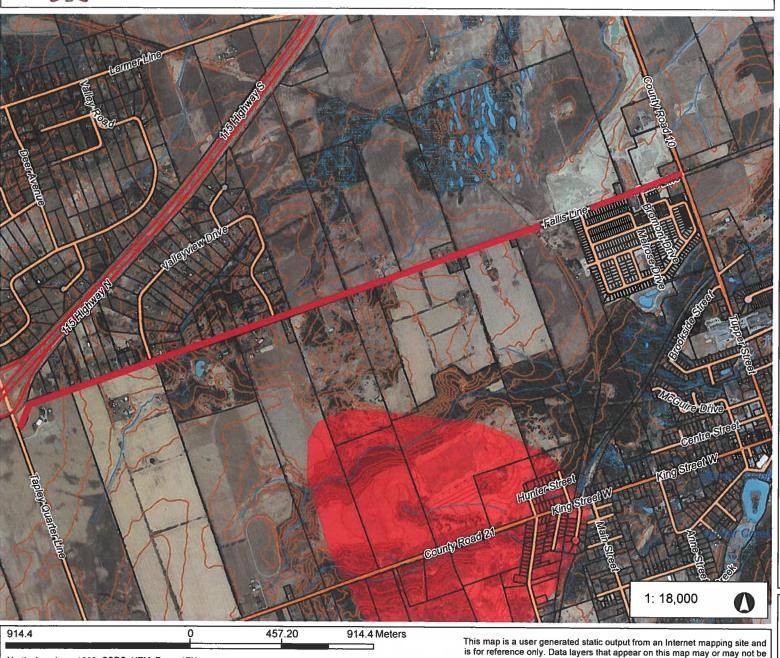




North_American_1983_CSRS_UTM_Zone_17N

© Latitude Geographics Group Ltd.

Fallis Line



Notes

Fallis Line - between County Rd 10 and Tapley 1/4 Line

accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

5 metres

Legend

Roads < 50,000

PRIV : Private : PRIV

City Arterial

Provincial
 County
 Township
 Water Access Only

Outside Roads < 50,000
 Major Roads
 Local Roads

First Nations
Parcel Fabric

Intermittent Permanent

Rivers

City Collector and Local
City Owned Unclassified

Peterborough Proposed Bypas

Parcel First Nations - Canada I

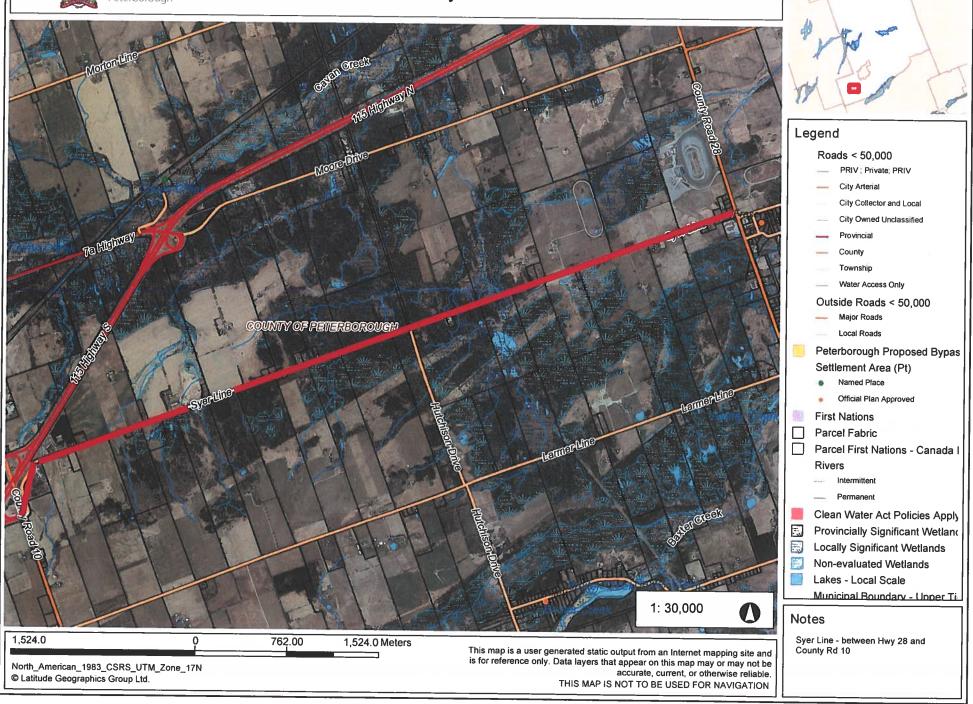
Clean Water Act Policies Apply Provincially Significant Wetland Locally Significant Wetlands Non-evaluated Wetlands Lakes - Local Scale

Municipal Boundary - Upper Ti-

COUNTY OF PETERBOROUGH

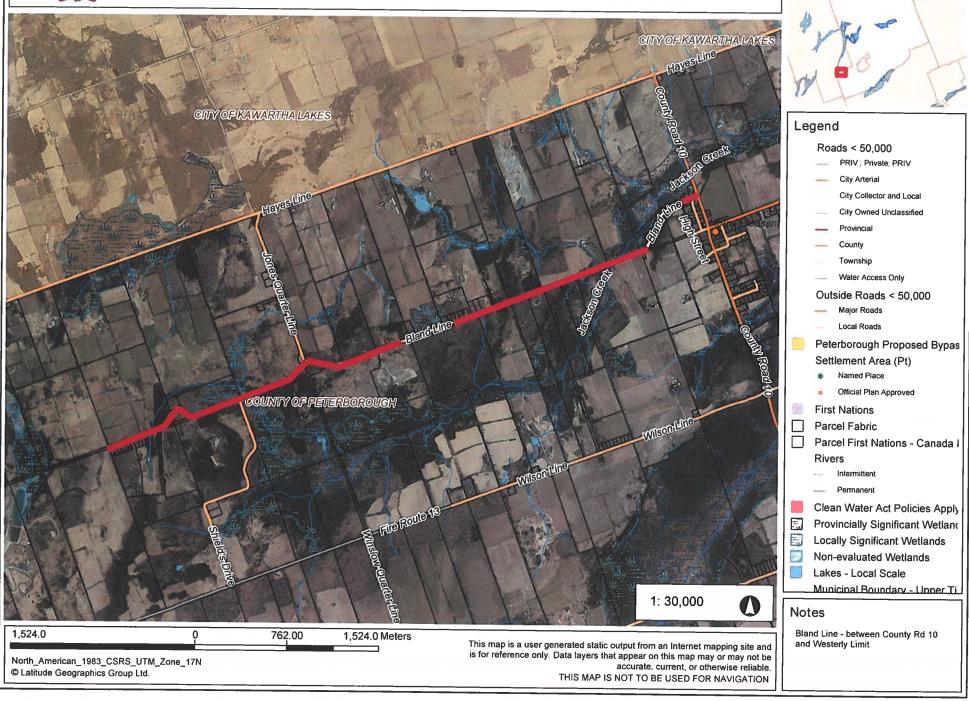


Syer Line





Bland Line



Attachment No. 04

Average Speed

Technician Name: admini

Location: Morton Line Report Period: 8/23/2022 to 8/30/2022

Address: Between Hwy 28 and County Rd 10 Total Vehicle Count: 1,207

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Average Weekday	Average Weekend	Average Week	Average Speed	85% Speed
00-01	0	0	70	0	0	88	60	70	74	73	73	83
01-02	0	0	0	73	0	0	0	73	0	73	73	73
02-03	0	0	0	53	95	0	0	74	0	74	74	99
03-04	0	72	0	0	0	0	0	72	0	72	72	72
04-05	0	87	96	78	75	0	0	84	0	84	84	87
05-06	0	74	56	0	0	0	77	65	77	69	69	77
06-07	72	70	64	76	62	0	68	69	68	69	69	84
07-08	76	18	88	84	63	60	52	66	56	63	63	87
08-09	76	n/a	78	71	77	73	84	76	79	77	77	87
09-10	75	n/a	69	74	81	69	74	75	72	74	74	88
10-11	77	n/a	79	69	71	76	76	74	76	75	75	86
11-12	76	n/a	74	76	69	65	81	74	73	74	74	89
12-13	74	n/a	74	74	67	67	79	72	73	73	73	87
13-14	61	n/a	73	71	71	71	79	69	75	71	71	85
14-15	62	n/a	69	57	79	78	70	67	74	69	69	85
15-16	71	n/a	78	73	75	76	75	74	76	75	75	87
16-17	75	n/a	69	66	74	71	76	71	74	72	72	84
17-18	68	73	73	81	75	70	80	74	75	74	74	86
18-19	78	67	74	77	73	58	64	74	61	70	70	85
19-20	79	69	70	57	69	69	74	69	72	70	70	83
20-21	74	64	76	60	70	74	75	69	75	70	70	86
21-22	57	76	71	70	53	90	63	65	77	69	69	85
22-23	0	64	46	87	88	0	104	71	104	78	78	91
23-24	0	52	70	78	9	50	0	52	50	52	52	79
AVG:	72	66	72	72	70	71	74	71	73	72	72	85

Technician Name: administrator

Location: Stewart Line - East Bound Report Period: 5/12/2022 to 5/16/2022

Address: Between Darling Cres and Winslow 1/4 Ln Total Vehicle Count: 1,217

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Average Weekday	Average Weekend	Average Week	Average Speed	85% Speed
00-01	73	n/a	n/a	n/a	73	30	44	73	37	55	55	71
01-02	0	n/a	n/a	n/a	0	0	28	0	28	28	28	47
02-03	0	n/a	n/a	n/a	6	0	0	6	0	6	6	6
03-04	0	n/a	n/a	n/a	0	0	58	0	58	58	58	64
04-05	0	n/a	n/a	n/a	0	0	0	n/a	n/a	n/a	n/a	n/a
05-06	60	n/a	n/a	n/a	60	0	0	60	0	60	60	75
06-07	60	n/a	n/a	n/a	48	56	55	54	56	55	55	
07-08	57	n/a	n/a	n/a	50	60	20	54	40	47	47	70
08-09	56	n/a	n/a	16	44	51	9	39	30	35	35	64
09-10	54	n/a	n/a	49	54	44	55	52	50	51	51	69
10-11	44	n/a	n/a	56	48	38	54	49	46	48	48	65
11-12	49	n/a	n/a	56	46	44	60	50	52	51	51	68
12-13	55	n/a	n/a	55	58	56	57	56	57	56	56	71
13-14	58	n/a	n/a	53	61	58	60	57	59	58	58	71
14-15	n/a	n/a	n/a	54	69	63	57	62	60	61	61	79
15-16	n/a	n/a	n/a	57	53	58	66	55	62	59	59	72
16-17	n/a	n/a	n/a	61	66	69	56	64	63	63	63	79
17-18	n/a	n/a	n/a	65	61	53	58	63	56	59	59	73
18-19	n/a	n/a	n/a	61	55	58	59	58	59	58	58	
19-20	n/a	n/a	n/a	37	37	52	49	37	51	44	44	67
20-21	n/a	n/a	n/a	61	60	65	60	61	63	62	62	73
21-22	n/a	n/a	n/a	60	53	40	53	57	47	52	52	72
22-23	n/a	n/a	n/a	0	70	47	57	70	52	58	58	84
23-24	n/a	n/a	n/a	60	44	44	55	52	50	51	51	72
AVG:	57	0	0	53	53	52	51	54	51	51	51	68

Technician Name: administrator

Location: Stewart Line - West Bound Report Period: 5/16/2022 to 6/9/2022

Address: Between Darling Cres and Winslow 1/4 Ln Total Vehicle 4,261

Hour		Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Average Weekday	Average Weekend	Average Week	Average Speed	85% Speed
00-01	0	48	0	48	56	0	37	51	37	47	47	56
01-02	49	31	65	56	31	30	75	46	53	48	48	75
02-03	76	0	0	0	0	24	44	76	34	48	48	61
03-04	0	0	9	74	0	10	0	42	10	31	31	71
04-05	0	68	0	26	69	0	0	54	0	54	54	70
05-06	70	71	83	76	63	61	0	73	61	71	71	77
06-07	44	50	46	31	57	46	57	46	52	47	47	70
07-08	26	36	53	49	47	49	55	42	52	45	45	67
08-09	21	32	59	49	49	56	61	42	59	47	47	63
09-10	20	33	46	52	56	53	54	41	54	45	45	63
10-11	34	30	33	32	44	49	53	35	51	39	39	59
11-12	30	38	39	40	44	56	52	38	54	43	43	63
12-13	39	35	39	37	58	48	52	42	50	44	44	64
13-14	54	41	44	40	59	53	48	48	51	48	48	65
14-15	56	53	53	46	57	43	58	53	51	52	52	68
15-16	51	57	49	51	58		54	53	52	53	53	68
16-17	57	57	59	61	52		-	57	49	55	55	70
17-18	62	65		56				59	51	57	57	72
18-19	49	62		62	50			56	41	52	52	73
19-20	56	49		58	54	59	58	55	59	56	56	71
20-21	57	58		63		49	-	60	49	57	57	73
21-22	49	64	63	53	44	46	58	55	52	54	54	72
22-23	53	6		55	52	46	52	45	49	46	46	70
23-24	43	62	44	58	44		25	50	31	45	45	67
AVG:	47	48	51	51	53	46	51	51	48	49	49	68

Technician Name: administrator

Location: Zion Line Report Period: 5/5/2022 to 5/12/2022

Address: Between Hwy 28 and County Rd 10 Total Vehicle Count: 1,361

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Average Weekday	Average Weekend	Average Week	Average Speed	85% Speed
00-01	73	0	0	22	0	0	72	48	72	56	56	75
01-02	0	0	0	0	0	81	0	0	81	81	81	81
02-03	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a
03-04	0	5	83	0	0	5	0	44	5	31	31	83
04-05	83	0	0	0	0	38	0	83	38	61	61	83
05-06	72	78	83	36	67	0	91	67	91	71	71	91
06-07	86	76	74	82	89	74	95	81	85	82	82	93
07-08	68	70	69	68	69	78	73	69	76	71	71	79
08-09	76	64	69	16	68	58	63	59	61	59	59	80
09-10	72	69	71	69	65	74	52	69	63	67	67	84
10-11	56	52	59	52	67	71	67	57	69	61	61	80
11-12	68	64	66	67	50	75	63	63	69	65	65	79
12-13	58	60	52	73	65	64	69	62	67	63	63	78
13-14	60	51	62	51	57	71	66	56	69	60	60	77
14-15	46	56	64	79	56	52	74	60	63	61	61	76
15-16	51	63	67	65	60	66	64	61	65	62	62	79
16-17	57	62	63	64	75	45	68	64	57	62	62	78
17-18	59	67	66	66	65	55	69	65	62	64	64	80
18-19	65	60	62	68	63	61	71	64	66	64	64	77
19-20	63	49	60	50	51	49	67	55	58	56	56	77
20-21	68	66	62	63	71	56	66	66	61	65	65	82
21-22	55	79	84	68	72	68	65	72	67	70	70	83
22-23	44	73	27	94	49	73	0	57	73	60	60	90
23-24	0	0	6	84	76	0	0	55	0	55	55	84
AVG:	64	61	62	62	65	61	70	63	64	63	63	81

Technician Name: administrator

Location: Fallis Line Report Period: 8/30/2022 to 9/6/2022

Address: Between County Rd 10 and End of Residential Total Vehicle 4,570

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Average Weekday	Average Weekend	Average Week	Average Speed	85% Speed
00-01	47	0	45	53	55	39	47	50	43	48	48	54
01-02	55	0	62	0	6	0		41	57	45	45	57
02-03	53	0	57	56	71	0	68	59	68	61	61	72
03-04	66	58	66	49	54	48	0	59	48	57	57	64
04-05	66	61	61	69	67	64	64	65	64	65	65	76
05-06	58	62	62	61	61	52	66	61	59	60	60	72
06-07	57	59	58	58	54	58	54	57	56	57	57	67
07-08	45	50	57	57	59	55	54	54	55	54	54	66
08-09	59	57	59	61	59	56	54	59	55	58	58	70
09-10	57	59	57	54	56	55	56	57	56	56	56	68
10-11	56	58	54	54	57	55	60	56	58	56	56	67
11-12	57	58	59	62	58	53	58	59	56	58	58	68
12-13	58	59	61	57	60	58	56	59	57	58	58	68
13-14	56	54	56	55	58	61	55	56	58	56	56	67
14-15	60	57	54	61	57	56	65	58	61	59	59	70
15-16	57	58	59	61	61	56	48	59	52	57	57	69
16-17	56	60	59	58	58	61	57	58	59	58	58	69
17-18	57	64	61	58	62	60	54	60	57	59	59	71
18-19	57	55	53	57	62	56	49	57	53	56	56	68
19-20	55	52	56	55	54	49	53	54	51	53	53	65
20-21	48	51	54	50	54	52	54	51	53	52	52	64
21-22	59	56	54	52	53	54	47	55	51	54	54	65
22-23	62	56	61	63	60	48	49	60	49	57	57	68
23-24	78	50	65	56	57	60	49	61	55	59	59	67
AVG:	57	57	58	57	56	55	55	57	55	56	56	67

Technician Name: administrator

Location: Syer Line - East Bound Report Period: 9/12/2022 to 9/14/2022

Address: between Hutchison Dr and County Rd 10 Total Vehicle Count: 366

Speed Limit: 80

Hour		Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Average Weekday	Average Weekend	Average Week	Average Speed	85% Speed
00-01	n/a	72	0	n/a	n/a	n/a	n/a	72	0	72	72	72
01-02	n/a	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
02-03	n/a	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
03-04	60	69	0	n/a	n/a	n/a	n/a	65	0	65	65	69
04-05	0	9	0	n/a	n/a	n/a	n/a	9	0	9	9	9
05-06	54	0	9	n/a	n/a	n/a	n/a	32	0	32	32	101
06-07	83	42	62	n/a	n/a	n/a	n/a	62	0	62	62	86
07-08	74	67	6	n/a	n/a	n/a	n/a	49	0	49	49	83
08-09	63	64	n/a	n/a	n/a	n/a	n/a	64	0	64	64	85
09-10	66	67	n/a	n/a	n/a	n/a	n/a	67	0	67	67	78
10-11	50	59	n/a	n/a	n/a	n/a	n/a	55	0	55	55	74
11-12	64	70	n/a	n/a	n/a	n/a	n/a	67	0	67	67	84
12-13	64	64	n/a	n/a	n/a	n/a	n/a	64	0	64	64	76
13-14	73	50	n/a	n/a	n/a	n/a	n/a	62	0	62	62	81
14-15	63	61	n/a	n/a	n/a	n/a	n/a	62	0	62	62	73
15-16	63	70	n/a	n/a	n/a	n/a	n/a	67	0	67	67	81
16-17	66	70	n/a	n/a	n/a	n/a	n/a	68	0	68	68	80
17-18	67	65	n/a	n/a	n/a	n/a	n/a	66	0	66	66	83
18-19	87	76	n/a	n/a	n/a	n/a	n/a	82	0	82	82	91
19-20	71	58	n/a	n/a	n/a	n/a	n/a	65	0	65	65	88
20-21	66	70	n/a	n/a	n/a	n/a	n/a	68	0	68	68	90
21-22	60	79	n/a	n/a	n/a	n/a	n/a	70	0	70	70	79
22-23	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
23-24	0	81	n/a	n/a	n/a	n/a	n/a	81	0	81	81	81
AVG:	66	63	26	0	0	0	0	62	0	62	62	78

Average Speed

Technician Name: administrator

Location: Syer Line - West Bound Report Period: 9/6/2022 to 9/12/2022

Address: between Hutchison Dr and County Rd 10 Total Vehicle 981

Speed Limit: 80

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Average Weekday	Average Weekend	Average Week	Average Speed	85% Speed
00-01	0	n/a	0	0	0	50	67	VVCCKUAY	59	59	59	
01-02	0	n/a	0	0			-	0	115	115	115	
02-03	0	n/a	0	0	_		0	0	88	88	88	97
03-04	60	n/a	0	0		0	0	60	0	60	60	
04-05	0	n/a	84	82	, i	0	_	84	0	84	84	87
05-06	54	n/a	90	74	0			73	0	73	73	
06-07	83	n/a	86	86		55	70	84	63	77	77	90
07-08	74	n/a	57	63		91	0	62	91	68	68	
08-09	63	n/a	50	75		72	54	63	63	63	63	
09-10	66	n/a	62	38		61	70	56	66	59	59	
10-11	57	n/a	66	62		66		63	70	65	65	
11-12	n/a	n/a	72	69	69	70	48	70	59	66	66	79
12-13	n/a	n/a	49	51	71	71	68	57	70	62	62	78
13-14	n/a	n/a	75	71	66	64	72	71	68	70	70	86
14-15	n/a	n/a	66	60	72	69	46	66	58	63	63	78
15-16	n/a	31	45	52	55	64	67	46	66	52	52	76
16-17	n/a	66	63	57	72	76	67	65	72	67	67	82
17-18	n/a	70	58	66	74	81	68	67	75	70	70	86
18-19	n/a	78	69	56	66	53	50	67	52	62	62	81
19-20	n/a	80	63	59	56	79	73	65	76	68	68	79
20-21	n/a	69	54	59	83	52	83	66	68	67	67	90
21-22	n/a	66	53	74	68	74	70	65	72	68	68	84
22-23	n/a	0	0	23	55	62	0	39	62	47	47	67
23-24	n/a	0	0	67	72	80	0	70	80	73	73	88
AVG:	65	66	65	62	68	71	65	65	71	69	69	83

Average Speed

Technician Name: administrator

Location: Bland Line Report Period: 9/14/2022 to 9/22/2022

Address: Between County Rd 10 and Jones 1/4 Line Total Vehicle Count: 1,395

Speed Limit: 80

Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Average Weekday	Average Weekend	Average Week	Average Speed	85% Speed
00-01	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a
01-02	0	0		0			0	n/a	n/a	n/a	n/a	n/a
02-03	0	0		68	0	0	81	68	81	75	75	81
03-04	0	0		0	0	0	64	0	64	64	64	64
04-05	77	70		31	33	34	17	55	26	46	46	103
05-06	43	41	41	42	33	0	0	40	0	40	40	62
06-07	51	52	54	47	56	54	0	52	54	52	52	66
07-08	42	50		52	49	26	43	47	35	44	44	67
08-09	44	44	52	33		44	32	43	38	41	41	64
09-10	43	53	50	52	41	53	46	48	50	48	48	71
	53	45		55	45	47	22	50	35	46	46	64
10-11	53	57		58	39			51	27		44	59
11-12	52		48 56			37	9 19	45	28	44	40	63
12-13		50		36						40	40	
13-14	65	53	52	21	51	50	35	48	43	47		65
14-15	41	50		33		69	35	44	52	47	47	68
15-16	53	61	48	36		31	48	47	40	45	45	67
16-17	48	49	57	54	55		52	53	54	53	53	68
17-18	55	52	58	50		60	49	51	55	52	52	69
18-19	47	43		63		53	50	54	52	54	54	69
19-20	51	19		60		48	49	44	49	45	45	65
20-21	66	37	0	46	60	34	0	52	34	49	49	64
21-22	59	56		0		36	0	54	36	50	50	73
22-23	0	59	51	0	38		0	49	0	49	49	59
23-24	0	0	0	36	0	84	0	36	84	60	60	84
AVG:	52	50	52	46	44	48	41	49	47	50	50	69

Township of Cavan Monaghan

By-law No. 2022-65

Being a by-law to regulate traffic and parking within the limits of the Township of Cavan Monaghan.

Whereas the Municipality has the authority to pass by-laws to regulate the foregoing, pursuant to the Municipal Act, 2001;

Now Therefore, the Council of the Township of Cavan Monaghan hereby enacts as follows:

1. Definitions

For the purpose of this By-law:

"Bicycle" includes tricycles and unicycles but does not include a motor assisted bicycle.

"Boulevard" means the portion of the road allowance lying between the sidewalk and the roadway. On roads where there are no sidewalks it shall mean the portion of the road allowance lying between the travelled portion of the road and the limit of the road allowance.

"Bridge" means any bridge spanning a water course or ravine.

"Commercial Vehicle" means a motor vehicle having permanently attached thereto a truck or delivery body and includes ambulances, hearses, casket wagons, fire apparatus, police patrols, motor buses and tractors. A van that is used for commercial purposes is to be considered a commercial vehicle.

"Gross Weight" means the combined weight of the vehicle and the load.

"Heavy Vehicle" means a vehicle, object or contrivance for moving loads having a registered gross weight, including the vehicle, object or contrivance and load, greater than two thousand, two hundred and sixty seven decimal nine six (2,267.96) kilograms, but does not include a passenger vehicle, ambulance, public works vehicle, fire department vehicle, police vehicle or a privately owned commercial vehicle which is being driven to or from the residence by the owner or other family member, or a commercial motor vehicle making a delivery to or collecting from a bonafide destination, which cannot be reached by way of a highway or highways upon which heavy traffic is not prohibited by this By-law.

"Highway" includes a common and public highway, street, avenue, parkway, driveway, square, place, bridge, viaduct or trestle, designed and intended for, or

used by, the general public for the passage of vehicles.

"Intersection" means the area embraced within the prolongation or connection of the lateral curb lines, or, if none, that lateral boundary lines of two or more highways that join one another at an angle, whether or not one highway crosses the other.

"Minister" means the Minister of Transportation.

"Park or Parking" when prohibited, means the standing of a vehicle, whether occupied or not, except when standing temporarily for the purpose of and while actually engaged in, loading or unloading merchandise and passengers.

"Pedestrians" means persons afoot, persons in wheelchairs and children in wheeled carriages, sleds and wagons.

"Police Officer or Officer" means a member of the Ontario Provincial Police Force, Peterborough Polices Services or a Municipal Law Enforcement Officer authorized to enforce the provisions of this By-law, and designated as a Provincial Offences Officer and includes all other persons appointed as Provincial Offences Officers.

"Restricted Parking Area" means any of the locations named or described in Schedules "B", "C", and "D" attached to and forming part of this By-law.

"Roadway" means that part of the highway which is improved, designated or ordinarily used for vehicular traffic, but does not include the shoulder, and, where a highway includes two or more separate roadways, the term "Roadway" refers to any one roadway separately but not to all roadways collectively.

"Sidewalk" means any sidewalk, pathway, footpath or other area forming part of any highway or bridge or boulevard, or other means of walkways used by, or set apart for, the use of pedestrians.

"Stand or Standing" when prohibited, means the halting of a motor vehicle, whether occupied or not, except when necessary to avoid conflict with other traffic or in compliance with the direction of a police officer, a traffic control sign or traffic control signal.

"Stop or Stopping" when prohibited, means the halting of a vehicle, even momentarily whether occupied or not, except when necessary to avoid conflict with other traffic or in compliance with the directions of a constable or other police officer, or of a traffic control sign or signals.

"Street" includes a common and public highway, street, avenue, parkway, driveway, square, place, bridge, viaduct or trestle, designed and intended for, or

used by, the general public for the passage of vehicles.

"Time" where an expression of time occurs or where any hour or other period of time is stated, the time referred to shall be Eastern Standard Time, except in periods when Daylight Saving Time is in effect, such time shall be Eastern Daylight Saving Time.

"**Traffic**" includes pedestrians, ridden or herded animals, vehicles, buses and other conveyances, either singularly or together using any street for purposes of travel.

"Traffic Control Device" means any sign, roadway, curb or sidewalk marking, or other device erected or placed under the authority of the Municipal Council for the purpose of guiding or directing traffic.

"Vehicle" includes a bicycle, a motorcycle, motor vehicle trailer, traction engine, farm tractor, road building machine and any vehicle propelled or driven by any kind of power, including muscular power, but does not include a motorized snow vehicle or the cars of electric or steam railways running only upon rails.

Part I - Traffic

Enforcement	1.1	The provisions of this By-law may be enforced by an Ontario Provincial Police Officer, Peterborough Police Services or a Provincial Offences Officer or any persons authorized to enforce the By-law.
Stop Signs	1.2	The intersections on highways, or parts of Highways, within the Township of Cavan Monaghan, as described in Schedule "E", attached to and forming part of this By-law, shall be designated as "Stop" intersections
Excavation & Barricade	1.3	No person or persons shall open excavations, erect barricades, store earth or construction materials, or park work equipment on any portion of any highway without first obtaining approval from the Township of Cavan Monaghan Director of Public Works, or his/her designate. Such approval shall be registered with the Clerk of the Township of Cavan Monaghan.
Placement Material on Township Property	1.4	No person shall place snow, stones, soil, rubbish or materials of any kind from

private property upon the highways, boulevards or sidewalks of the Township of Cavan Monaghan.

Remove/Injure Traffic Signs

1.5 No person or persons shall, without lawful authority, attempt to or, in fact, alter, deface, injure, break down or remove any official traffic control device or any inscription, shield or insignia thereon, or part thereof.

Heavy Vehicles Prohibited

1.6 When properly worded signs have been erected and are on display, no person shall drive, move or otherwise operate "Heavy Vehicles" upon any highway or part of a highway named or described in Schedule "J", attached to and forming part of this By-law.

Load Restrictions

1.7 When properly worded signs have been erected and are on display, no person shall operate a vehicle on a highway or part of a highway if any axle of the commercial vehicle or its trailer transmits to the highway a weight in excess of 5 tonnes (5000 kg.) between March 1 and April 30.

Bicycle Riders to Ride on Right

1.8 A person riding a bicycle on a roadway shall ride as near to the right hand side of the roadway as is practicable and shall exercise due care when passing a standing vehicle or one proceeding in the same direction.

Motorized Snow Vehicles after 11:00 p.m.

1.9 (a) No person shall drive a motorized snow vehicle upon any highway within the Township of Cavan Monaghan between the hours of 11:01 p.m. and 7:00 a.m.

(b) Section (a) does not apply to a person or persons driving a motorized snow vehicle who is proceeding directly to the residence of the registered owner of the motorized snow vehicle or directly to a place of employment or by emergency services for emergency purposes.

Maximum 15 KMH

1.10 When properly worded Speed Limit signs have been erected and are on display, no

person shall drive a motor vehicle at a rate of speed greater than 15 kilometres per hour on any highway or parts of a highway described in Schedule "F", attached to and forming part of this By-law.

Maximum 40 KMH

1.11 When properly worded Speed Limit signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 40 kilometres per hour on any highway or parts of a highway described in Schedule "G", attached to and forming part of this By-law.

Maximum 50 KMH

1.12 When properly worded Speed Limit signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 50 kilometres per hour on any highway or parts of a highway described in Schedule "H", attached to and forming part of this By-law.

Maximum 60 KMH

1.13 When properly worded Speed Limit signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 60 kilometres per hour on any highway or parts of a highway described in Schedule "I" attached to and forming part of this By-law.

Part II - Parking

Parking Restricted

- 2.1 When properly worded signs have been erected and are on display, no person shall park a vehicle on any highway between the limits and periods of time as described in Schedule "A" attached to and forming part of this By-law.
 - (a) When properly worded signs have been erected and are on display, between the hours of 9:00 a.m. and 6:00 p.m., from Monday to Saturday inclusive, no person shall park a vehicle for any one period of time in excess of fifteen (15) minutes on those parts of streets named or described in Schedule "C".

- (b) When properly worded signs have been erected and are on display at all entrances to the Millbrook Ward, no person shall park a vehicle on any street between the hours of 2:00 a.m. and 7:00 a.m. of the same day from November 15 of one year and April 1 of the following year.
- (c) When properly worded signs have been erected and are on display, between the hour of 9:00 a.m. and 6:00 p.m., from Monday to Saturday inclusive, no person shall park a vehicle for any one period of time in excess of two (2) hours on those streets or parts of streets named or described in Schedule "D" of this By-law.
- (d) When properly worded signs have been erected and are on display, no person shall park on a vehicle on the street except as permitted by Schedule "K".

Parking Prohibited

2.2 When properly worded signs have been erected and are on display, no person shall, at any time, park a vehicle in the following places within the Township of Cavan Monaghan:

In any area described in Schedule "B", Schedule "C", and Schedule "D", attached to and forming part of this By-law.

No Parking General

- 2.3 No person, within the Township of Cavan Monaghan, shall park a vehicle in any of the following places;
 - (a) In front of a public or private driveway;
 - (b) Within nine (9) metres of an intersection;
 - (c) Within three (3) metres of a Fire Hydrant;
 - (d) On any highway between the hours of 12:01 a.m. and 7:00 a.m.;
 - (e) On any Highway in such a manner as to

obstruct or impede the removal of snow from the highway;

- (f) Within any cul-de-sac area;
- (g) No person shall park or stop a vehicle that obstructs a sidewalk or walkways, or obstruct the sodded boulevard beside the driveway approach between the sidewalk and curb line.

Stopping Prohibited

- 2.4 No person shall stop a vehicle in any of the following places:
 - (a) In front of the entrance to a public lane or a private driveway or so as to prevent entry to or exit from such public land or private driveway;
 - (b) Within three (3) metres of a Fire Hydrant;
 - (c) On any highway in such a manner as to obstruct or impede the removal of snow from the highway;
 - (d) On any highway in such a manner as to prevent the convenient removal of another vehicle previously parked or standing;
 - (e) On the highway side of any vehicle previously parked or standing;
 - (f) Alongside or across from any obstruction or excavation in such a manner as to obstruct, impede or otherwise restrict the normal flow of traffic:
 - (g) Opposite another vehicle, parked or standing, on any highway wherein said highway is less than eleven (11) metres in width:
 - (h) On any highway as described in Schedule "A", attached to and forming part of this By-law.

Penalties

2.5 Any person violating any of the provisions of

this By-law is liable to the penalty as prescribed by the applicable law for each offence.

Where a vehicle is found parked in contravention of the provisions contained in Part II of this By-law, an Ontario Provincial Police, Peterborough Police Services or a Provincial Offences Officer or a Municipal Law Enforcement Officer authorized to enforce the By-law finding the vehicle may have the vehicle towed away at the expense of the owner.

By-laws Repealed

2.6 That all previous traffic By-laws are hereby

repealed in their entirety.

Effective Date

2.7 This By-law shall come into force and take effect upon final passage by the Township of Cavan Monaghan and when signs have been erected and are on display in compliance with the regulations of the Ministry of Transportation

That By-Law 2019-25 be repealed in its entirety.

Read a first, second and third time and passed this 3rd day of October, 2022.

Scott McFadden	Cindy Page
Mayor	Clerk

Schedule "A"

No Stopping

When properly worded signs have been erected and are on display, no person shall park a vehicle on any of the highways or parts of highways hereinafter set out:

Anne Street North Side – from Hay Street to Cavan Street

East Side – from Cavan Street to Frederick Street

Centre Street North Side – from Union Street to a point 35 metres east of Union

Street

South Side – from Union Street to west limits of Centre Street

Distillery Street West Side

Duke Street East Side – from King Street east to a point 58 metres south

of King Street East

Needler's Lane North Side – from Allan Lane to Hay Street

South Side - from Baxter Creek to a point 15 metres west of Baxter

Creek

Frederick Street South Side – from Anne Street to Main Street

Hay Street West Side – entire side of street to Anne Street

East Side – from a point 50 metres south of King Street East to

Needler's Lane

Huston Street West Side – from King Street West to south limits of Huston Street

Lisa Court Both Sides – within circle at south end of Lisa Court

Main Street East Side – from a point 69 metres south of King Street East to

Charles Street

East Side – from Marshall Street to a point 67 metres north of

Frederick Street

East Side – from Frederick Street to the south limits of Main Street

West Side – from a point 48 metres south of King Street East to a

point 35 metres south of Charles Street

West Side – from a point 45 metres south of Marshall Street to a

point 30 metres north of Frederick Street

Needler's Lane

East Side – from a point 27 metres south of Distillery Street to a point 66 metres south of Distillery Street

West Side – from Distillery Street to a point 69 metres south of Distillery Street

Queen Street

West Side – from King Street West to the north limits of Queen Street

Union Street

West Side – from Centre Street to a point 50 metres south of Centre Street

Schedule "B"

Restricted Parking

Unless otherwise properly signed, no person shall park a vehicle on any highway for longer than four (4) hours or in such a manner as to impede snow removal.

Schedule "C"

Restricted Parking

When properly worded signs have been erected and are on display, no person shall park a vehicle on a highway or parts of highways hereinafter set out in excess of fifteen (15) minutes:

Union Street

West Side – From a point 9 metres north of King Street West to a point 19 metres north of King Street West

Schedule "D"

Restricted Parking

When properly worded signs have been erected and are on display, no person shall park a vehicle on a highway or parts of highways hereinafter set out in excess of two (2) hours:

Hay Street East Side – Between King Street East to a point 50 metres south of

King Street East

Distillery Street West Side – Between King Street East and Needler's Lane

East Side - Between King Street East and the north abutment of

Baxter Creek Bridge

Centre Street South Side – Between Tupper Street and Union Street

North Side – Between Tupper Street and a point 35 metres east of

Union Street

Union Street East Side – Between King Street West and Centre Street

West Side – Between a point 19 metres north of King Street West

and a point 50 metres south of Centre Street

Schedule "E"

Providing for the Erection of Stop Signs at Intersections

The intersections on highways set out in Column 1 are designated as intersections where Stop signs shall be erected at the locations shown in Column 2.

Column 1: Intersection

McCamus ¼ Line at Eagleson Line McCamus ¼ Line at Carmel Line Brackenridge Dr. at Carmel Line Brackenridge Dr. at Deyell Line

T-Way Dr. at Deyell Line Thorne Dr. at Deyell Line Thorne Dr. at Zion Line Bee Dr. at Deyell Line Ava Cr. at Deyell Line Carveth Dr. at Zion Line Elgar Dr. at Zion Line Elgar Ct. at Elgar Dr.

White Birch Rd. at Elgar Dr. Birch Rd. at White Birch Rd. Zion Line at Glamorgan Rd. Hutchison Dr. at Zion Line

Hutchison Dr. at Cedar Valley Rd.

Hutchison Dr. at Cedar Cr. Hutchison Dr. at Larmer Line Hutchison Dr. at Syer Line Glamorgan Rd. at Fallis Line Fallis Line at Tapley ¼ Line

Valleyview Drive at Fallis Line west side Valleyview Drive at Fallis Line east side Morningside Place at Valleyview Drive

Scout Cr. at Tapley ¼ Line
Tapley ¼ Line at Valley Rd.
Deer Ave. at Valley Rd.
Acadia Ct. at Valley Rd.
Pine Tree Cr. at Valley Rd.
Maple Tree Cr. at Pine Tree Cr.
Plains Circle at Deer Ave

Plains Circle at Deer Ave
Plains Circle at Plains Circle
Larmer Line at Tapley ¼ Line
Deer Ave. at Larmer Line
Valley Rd. at Larmer Line
Vista Cr. at Syer Line

Column 2: Facing Traffic

Southbound on McCamus ¼ Line Northbound on McCamus ¼ Line Southbound on Brackenridge Dr. Northbound on T-Way Dr. Southbound on Thorne Dr. Northbound on Thorne Dr. Northbound on Bee Dr. Southbound on Ava Cr. Southbound on Carveth Dr. Northbound on Elgar Dr.

Westbound on Elgar Ct.
Westbound on White Birch Rd. White

Eastbound on White Birch Rd. Westbound on Zion Line

North and Southbound on Hutchison Dr.

Westbound on Cedar Valley Rd.

Eastbound on Cedar Cr.

North and Southbound on Hutchison Dr.

Northbound on Hutchison Dr. Northbound on Glamorgan Rd. East and Westbound on Fallis Line

Southbound on Valleyview
Southbound on Valleyview
Southbound on Morningside
Westbound on Scout Cr.
Westbound on Valley Rd.
Southbound on Deer Ave.
Northbound on Acadia Ct.
Eastbound on Pine Tree Cr.
Northbound on Maple Tree Cr.
Eastbound on Plains Circle
Southbound on Plains Circle
Westbound on Larmer Line
Northbound on Deer Ave.
Northbound on Valley Rd.
Southbound on Vista Cr.

Syer Line at Tapley ¼ Line
Highview Cr. at Syer Line
Dranoel Rd. at Syer Line
Dranoel Dr. at Dranoel Rd.
Ford Cr. at Ford Dr.
Moore Dr. at Moore Dr.
Morton Line at Dranoel Rd.
Tapley ¼ Line at Morton Line
Sharpe Line at Dranoel Rd.
Jack Lane at Sharpe Line
Sharpe Line at Winslow ¼ Line
Cora Drive at Sharpe Line
Howden ¼ Line at Sharpe Line

Cathcart Cr. at Stewart Line Preston Rd. at Stewart Line Howden ¼ Line at Stewart Line

Winslow 1/4 Line at Stewart Line

Darling Cr. at Stewart Line
Darling Cr. at Darling Cr.
Jill Lane at Stewart Line
Howden ¼ Line at Hooton Dr.

Hooton Dr. at Hooton Dr. Fieldview Dr. at Hooton Dr. Hooton Dr. at Preston Rd. Best Rd. at Hayes Line Jones ¼ Line at Bland Line Shields Dr. at Bland Line Haves Line at Jones ¼ Line Albert St. at Bland Line High St. at Mt. Pleasant Rd. Albert St. at Mt. Pleasant Rd. Meadow Lane at Workman St. Rose Cr. at Kennedy Dr. Ashlev Cr. at Cathcart Cr. Brewda Cres. at Kalman Drive Kalman Drive at Carmel Line **Dufferin Street at Gravel Road** Needler's Lane and Distillery St. Needler's Lane and Allen Lane Hay Street and Needler's Lane Prince Street at Anne Street Princess Street at Anne Street

East and Westbound on Syer Line
Southbound on Highview Cr.
Westbound on Syer Line
Westbound on Dranoel Dr.
Eastbound on Ford Cr.
Eastbound on Moore Dr.
Westbound on Morton Line
Northbound on Tapley ¼ Line
Westbound on Sharpe Line
Southbound on Jack Lane
Westbound on Sharpe Line
Northbound on Cora Dr.
North and Southbound on Howden ¼
Line

Northbound on Cathcart Cr. Southbound on Preston Rd.

North and Southbound on Howden ¼ Line

North and Southbound on Winslow 1/4 Line

Northbound on Darling Cr. Southbound on Darling Cr. Northbound on Jill Lane

North and Southbound on Howden ¼ Line

Westbound on Hooton Dr.
Northbound on Fieldview Dr.
Eastbound on Hooton Dr.
Northbound on Best Rd.
Southbound on Jones ¼ Line
Northbound on Jones ¼ Line
Northbound on Jones ¼ Line
Northbound on Albert St.

North and Southbound on High St.

Southbound on Albert St.
Westbound on Meadow Lane
Westbound on Rose Cr.
Eastbound on Ashley Cr.
Westbound on Brewda Cres.
Northbound on Kalman Drive
Eastbound on Dufferin Street
Northbound on Needler's Lane
Southbound on Needler's Lane
Westbound on Prince Street
Northbound on Prince Street

Cavan Street at Anne Street Anne Street at Frederick Street Frederick Street at Anne Street Frederick Street at Main Street Frederick Street at Main Street Marshall St. at Main Street Charles Street at Main St. Charles Street at Main St. Sowden Lane at Main St. Union St. at Centre Street Union St. at Manor Drive Baxter Creek Ct. at Brookside St. Burnham Ct. at McGuire Dr. Wing St. at Bank St. South Century Blvd. at Centennial Lane Century Blvd. at Nina Court Bartlett Rd. at Whitfield Rd. Maplehill Court at Maplehill Drive Avenue at Longview Drive Filman Crescent at Longview Drive Campbell Avenue at Campbell Avenue Whittington Drive at Dobbin Road Whittington Drive at Elmdale Road Davis Road at Stewart Line Davis Road at Maple Grove Road Grove Road at Preston Road Elmdale Road at Brown Line Brown Line at Elmdale Road Worboy Ct. at Beardsmore Road Carolyn Street at Johnston Dr. Skiview Dr. at Hillview Dr.

Eastbound on Cavan Street Southbound on Anne Street Eastbound on Frederick Street Westbound on Frederick Street Eastbound on Frederick Street East and Westbound on Marshall St. Westbound on Charles Street Eastbound on Charles Street Westbound on Sowden Lane North and Southbound on Union St. All (4) Way Stop Northbound on Baxter Creek Ct. Southbound on Burnham Ct. Westbound on Wing St. Southbound on Century Blvd. Northbound on Century Blvd. Southbound on Bartlett Rd Eastbound on Maplehill Court Campbell East & Westbound on Campbell Ave Eastbound on Filman Crescent Southbound on Campbell Ave East & Westbound on Whittington Drive East & Westbound on Whittington Drive Southbound on Davis Road Northbound on Davis Road Maple Westbound on Maple Grove Road Southbound on Elmdale Road East & Westbound on Brown Line Eastbound on Worboy Ct. Northbound on Carolyn Street Westbound on Skiview Dr.

Schedule "F"

15 KM/H Speed Limit

When properly worded signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 15 kilometres per hour as hereinafter set out:

Highway	From	То
Mervin Line	Airport Road	End

Schedule "G"

40 KM/H Speed Limit

When properly worded signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 40 kilometres per hour as hereinafter set out:

Highway	From	То
Ford Drive	Highway 7A	End
Ford Crescent	Highway 7A	Ford Drive
Highview Crescent	Syer Line	End
Carveth Drive	Zion Line	Huston

Schedule "H"

50 KM/H Speed Limit

When properly worded signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 50 kilometres per hour as hereinafter set out:

Highway Carmel Line Edgewood Park Drive Preston Road Hooton Drive Larmer Line	From County Rd. 28 Mount Pleasant Road Maple Grove Road Preston Road Tapley 1/4 Line	To 1150 meters westerly End Stewart Line 650 meters westerly 1300 metres easterly
Tapley ¼ Line	Fallis Line	Syer Line
Cedar Valley Road	Hutchison Drive	County Rd. 28
Hutchison Drive	100 metres north of Cedar Valley Road	700 metres southerly
Morton Line	Highway 7	500 metres westerly
Sharpe Line	County Rd. 10	1200 metres easterly
Sharpe Line	County Rd. 10	700 metres westerly
Scout Crescent	Tapley ¼ Line	End
Plains Circle	Deer Avenue	End
Pine Tree Crescent	Valley Rd.	End
Maple Tree Crescent	Pine Tree Crescent	End
Valley Road	Tapley ¼ Line	Larmer Line
Acadia Court	Valley Road	End
Valleyview Drive	Fallis Line	Fallis Line
Morningside Place	Valleyview Drive	End
White Birch Road	Elgar Drive	End
Kennedy Drive	Mount Pleasant Road	End
Rose Crescent	Kennedy Drive	End
Workman Street	Mount Pleasant Road	Mill Street
Meadow Lane	Workman Street	End
High Street	Mill Street	End
Mill Street	Workman Street	High Street
Albert Street	Mount Pleasant Road	Bland Line
Rothesay Avenue	Lansdowne Street	End
Ashley Cres.	Cathcart Cres.	End
Syer Line	County Rd. 10	100 metres west of the Municipal address 888 Syer Line
Clifford Line	Highway 7	End
Dobbin Road	Whittington Drive	1.2 km to city limits
Whittington Drive	Rosemount Gardens	3.2 Easterly
Davis Road	Stewart Line	Maple Grove Road

Elmdale Road North Monaghan Brown Line Brown Line Hwy 7 Airport Road Beardsmore Road Airport Road Worboy Court Johnston Drive Worboy Court City Limits Whitfield Road County Road 28 End **Bartlett Road** Moncrief Line Whitfield Road

Longview DriveSherbrooke St. W.EndCampbell AvenueLongview DriveEast endCampbell AvenueLongview DriveCampbell Avenue

Brown Line Airport Road East end
Maplehill Drive Sherbrooke Street End
Maplehill Court Maplehill Drive End
Deer Avenue Larmer Line Valley Road

Elgar Court Elgar Drive End
Kalman Drive Carmel Line End
Brewda Court Kalman Drive End
Skiview Drive Hillview Drive End

Miller Street County Road 10 End
King George Street County Road 10 Elizabeth Street
Elizabeth Street Miller Street King George St.
Poplar Plains Drive County Road 10 Fallingbrook Drive
Cavan Woods Drive County Road 10 Fallingbrook Drive

Fallingbrook Drive Poplar Plains Drive Cavan Woods

Mount Pleasant Road Queen Mary Street High Street

Blue Jay Street Queen Mary Street Alexander Drive

Alexander Drive Blue Jay Street End
Jill Lane Stewart Line End
Fieldview Drive Hooton Drive End

Huston Street Millbrook Ward limits Carveth Drive

Sunset Drive Highway 7A End

Fallis Line County Road 10 Tapley ¼ Line

All Highways within the Millbrook Settlement Area.

Schedule "I"

60 KM/H Speed Limit

When properly worded signs have been erected and are on display, no person shall drive a motor vehicle at a rate of speed greater than 60 kilometres per hour as hereinafter set out:

Highway	From	То
Stewart Line	County Rd. 10	Preston Road
Stewart Line	County Rd. 10	Dranoel Road
Wilson Line	1100 metres west of County Rd. 10	800 metres westerly
Darling Crescent	Stewart Line	End
Jack Lane	Sharpe Line	End
Vista Crescent	Syer Line	End
Elgar Drive	Zion Line	End
Bee Drive	Deyell Line	End
Ava Crescent	Deyell Line	End
T-Way Drive	Deyell Line	End
Carmel Crescent	County Rd. 10	End
Zion Line	County Rd. 28	County Road 10
Sharpe Line	Highway 7	Howden ¼ Line
Cathcart Crescent	Stewart Line	Highway 7
Deyell Line	County Road 10	Hutchison Drive
Bland Line	County Road 10	Westerly limit
Jones ¼ Line	Bland Line	300 metres northerly
Syer Line	Tapley ¼ Line	100 metres west of the
		Municipal address 888
		Syer Line
Carmel Line	County Rd. 10	100 metres east of County Rd. 28.
Howden ¼ Line	Stewart Line	Sharpe Line
Morton Line	County Road 10	500 metres westerly of Highway 7

Schedule "J"

Heavy Vehicles Restricted

Road	Section	Restricted Hours
Cathcart Cr.	From Stewart Line to Highway 7	At all times
Dobbin Road	From limits of City of Peterborough to Dobbin Road south	At all times
Elmdale Road	From Brown Line to South entrance to Sysco Food Terminal	At all times
Whittington Dr.	From limits of City of Peterborough west to Dobbin	At all times
Whitfield Road	Bartlett Road/Whitfield Landing Intersection to the east end	At all times
Brown Line	From Hwy. 7 to Airport Road	At all times
Preston Road	Maple Grove Road to Stewart Line	At all times
Brown Line	Hwy 7 to Airport Road	At all times
Davis Road 1.4 km Northbound	From Stewart Line	At all times
Preston Road	Maple Grove Road to Stewart Line	At all times
Brown Line	Hwy 7 to Airport Road	At all times
Whittington Drive	East of 2085 Whittington Drive to End	At all Times

Schedule "K"

No Parking

When properly worded signs have been erected and are on display, no person shall park a vehicle on the street identified except as permitted herein;

Highway	From	То
Brookside Street	Tupper Street North Side – January 1 – South Side – July 1 – Dec	
Brookside Street	Driveway of 97 Brookside Street	6 metres East of Driveway at Brookside Street
Cedar Crescent	Hutchinson Drive	End of Cedar Crescent on the South East side