



TOWN OF NIVERVILLE-OPERATIONS

POLICY NO. 01-19: **SPEED HUMP POLICY**

EFFECTIVE DATE: **March 19, 2019** **RESOLUTION# 86-19**

REVISION DATE: _____ **RESOLUTION# _____**

Why Speed Humps?

With residents increasingly concerned about speeding occurring on municipal streets, speed humps are a method to reduce the likelihood of instances of speeding and as a result, improve safety of pedestrians, active transportation users and residents.

What are Speed Humps?

Speed humps according to the Transportation Association of Canada “is a raised area of a roadway, which deflects both the wheels and frame of a traversing vehicle.” Speed humps “are intended to produce sufficient discomfort to limit travel speeds yet allow the driver to maintain vehicle control. Its design is intended to limit effects on emergency vehicles / equipment, road maintenance and transit vehicles while allowing cyclists to comfortably cross the speed hump.”

Speed humps are intended to address the issue of vehicle speed. Speed humps are not intended to address issues of high traffic volumes on a street.

Speed humps are different than speed bumps. Speed bumps are more often found in parking lots and are designed for a more abrupt rise and fall. Speed humps are designed to provide a more gradual rise and fall, and are designed to prevent vehicle damage when crossed at recommended speeds (as noted with caution signage). The dimensions of a typical speed hump are approximately four meters wide (13 feet) and 80mm (3 inches) in height.

Selection Criteria:

The following criteria must all be met:

- a) The street is a municipally controlled residential street and is not a collector street or provincial highway/road; and
- b) Submission of a petition (format available from Town Office) representing a minimum of 70% of the residents in the block (both sides) of the street supporting the installation of speed humps; and

- c) At least one of the following results from a speed test:
 - a. Average speed exceeds the posted speed limit (50 km/h); or
 - b. At least 15 % of vehicles exceed the speed limit by 5 km/h or more (55 km/h); or
 - c. At least 10 % of vehicles exceed the speed limit by 10 km/h or more (60 km/h).

Installation Guidelines:

The following are installation guidelines to be followed by the Town for installation:

1. Speed humps shall be spaced at approximately 100 metre intervals according to the block length;
2. There shall be a minimum distance of 50 metres between a speed hump and an intersecting street or public lane;
3. Object markers shall accompany each speed hump and “bump ahead” sign and caution speed tab of 30 km/h shall be placed in advance of each series of speed humps in a block (both directions);
4. Speed humps shall not be placed in front of driveways (or road access points) or installed over, or contain, manholes, or water valves or be located adjacent to fire hydrants;
5. Location of speed humps should attempt to maximize existing street lighting to maximize nighttime visibility to motorists;
6. Speed humps shall not be located in curves, or bays;
7. Speed humps shall be placed at points of higher elevations to effectively work with existing drainage;
8. Speed humps shall be placed in line with property lines for noise abatements and aesthetic reasons;
9. Speed humps shall not be placed on major emergency response routes as per Niverville Fire Department.

Application Process:

1. Applicant shall notify Town Office of request for speed humps on their street.
2. Town to determine eligibility based on street classification and design.
 - a. If deemed eligible, applicant will be given petition paperwork to obtain second criterion.
3. Once signatures of applicants received, Town will review validity of signatures on petition and that threshold has been met.
4. Then:
 - a. Threshold met: then Town will arrange for speed test to be done on requested block for a period of seven (7) days and will publicly post results on the Town’s website.
 - i. Then if criterion three has been met, Town will prepare and begin design of speed humps as per installation guidelines. Installation will occur as budget allows.
 - b. Threshold not met: application will be denied.