

Traffic Calming

A Proactive Approach

Presenters

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About us



43,000 people



8 settlement areas



400 km of road





Overview

- 1) What is Traffic Calming?
- 2) Innisfil Traffic Calming Strategy
 - a) Design Guide
 - b) Policy Update
 - c) Program



What is Traffic Calming?

Changing the driving environment to change driver behaviour.



Reduce speed



Reduce cut-through traffic



Improve conditions for vulnerable road users



Background

- Policy was reactive, onerous & difficult to satisfy warrants
- Limited ability of staff to implement improvements
- Frustrated residents
- No mechanism to address many actual problem areas

Town of Innisfil | Transportation Master Plan Update

Memo

Date: Monday, March 12, 2018 Project Town of Innisfil Transportation Master Plan Update Subject: Traffic Calming Policy Framework

1. Introduction

This document presents a recommended traffic calming policy framework for the Town of Innisfil. Traffic calming is a tool available to the Town to address problematic traffic speeds on

1.1 Definition of Traffic Calming

Traffic calming, as defined by the Institute of Transportation Engineers (ITE) Subcommittee on Traffic Calming, 1997 is, "The combination of mainly physical measures that reduce the negative effects of motor vehicle use, alter driver behaviour and improve conditions for non-

This policy framework establishes methods for the initiation, preparation, and completion of traffic calming projects. The main components of the policy framework are:

- A description of traffic calming measures to be considered for use in Innisfil, An analysis and approval process that incorporates key requirements of resident participation, agency consultation, Traffic Safety Advisory Committee Review, and
- Warrant criteria based on traffic conditions, safety and technical considerations, and
- A ranking process that is used to prioritize traffic calming proposals.

While the process outlined in this document is intended to be clear and consistent, it is recognized that each location and traffic issue may be unique. This policy framework is intended to guide Town staff in applying their professional judgment to each unique situation.

1.3 Relationship to Complete Streets Guidelines

It is further noted that this policy framework focuses on implementable solutions to address traffic issues on existing roadways. New roads in Innisfil should be proactively designed for lower speeds by incorporating measures contained in this policy and the Complete Streets Guidelines. Where possible, traffic calming measures should be designed in an integrated



Background

- Identified need for new policy that is proactive and Innisfilspecific
- Proactive approach required development of a traffic calming program

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1.2 Scope

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What we did





Approach



Background review & data



Technical advisory committee



Best practices



Public open houses



Pilot projects



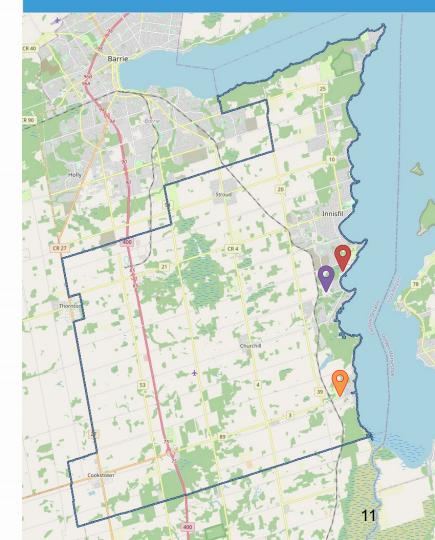
Online surveys and interactive map



Pilot Projects

- **Shore Acres Drive**
 - MAX 50 KM/H pavement markings
- Belle Aire Beach Road
 - Chicanes
- Maple Road
 - Speed cushions
 - Wide double centreline
 - Centreline delineators
 - Edgeline delineators
 - Raised crosswalk





Shore Acres Drive





Belle Aire Beach Road



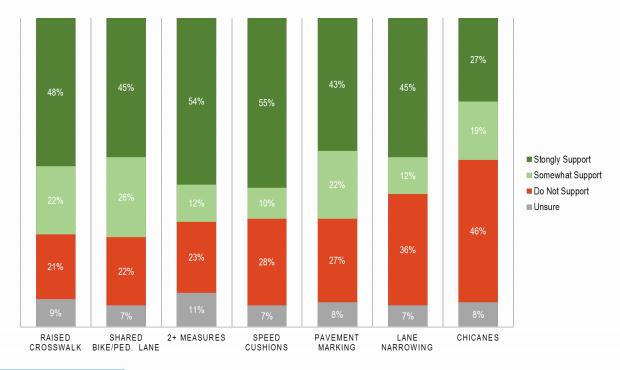


Maple Road





Public Support





Design Guide

- Outlines options, opportunities & best practices
- Includes 47 TCMs





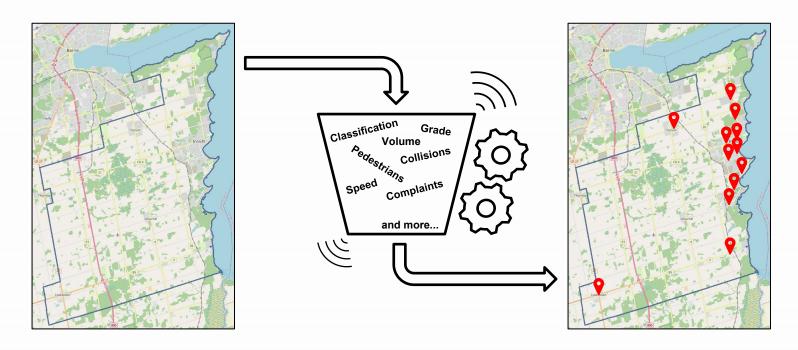
Policy Update

- Less restrictive warrant criteria
- Proactive
- Prioritization methodology
- Still includes public input





Evaluation Procedure





Program

- Operate like Road Rehabilitation Program
- 15 prioritized locations for TCM installation over next 3 years
- Regular updates to prioritized list



ASE

- ASE identified as possible traffic calming measure in design guide
- Innisfil now investigating ASE program



Source: City of Toronto





Traffic Calming with Automated Speed Enforcement (ASE)

OSUM Conference Thursday, April 27, 2023





What is Automated Speed Enforcement?

- Automated system to detect and capture images of vehicles travelling above the speed limit
- Enforce speed limits in targeted zones
- Compliments other safety measures (policing, engineering design, education)
- Entirely under control of the Municipality
- Focus on Safety





The Legislation



O.Reg 398/19
Automated
Speed
Enforcement



The Service Framework



Camera Supply

Violation Processing

Collections

- Signage
- Installation and Calibration
- Relocations
- Maintenance/Repair
- Short or Long-Term Contracts
- Fixed, Temporary, Mobile Options

- Data Management and Validation
- Owner Information Lookup
- Notice Processing by Provincial Offences Officers
- Printing and Mailing

- Option 1: POA Courts –
 Filing and Disclosure
 Packages
- Option 2: Administrative Penalties through Municipality or LAS





Steps to Implementation

1 2 3 4 5

Lay the Groundwork

- Traffic Studies & Data Analysis
- Council Approvals
 - Designate CSZ/School Safety Zones
 - By-laws & Policies
 - Authorizing Use of ASE in municipality
 - Conflict of Interest/Financial/Political Interference/Public Complaints/etc.









1

2

3

4

5

Find the Right People

- Camera Supply/Maintenance/Data Management
- Ticket Processing (Self/Processing Centre)
- Court System
- Ministry of Transportation
- Ministry of Attorney General
- Local champions









1 2 3 4 5

Determine Logistics

- Public Education (web, news, social media)
- Standard Operating Procedures
- Signage (90-day warning/in use)
- Camera Installation & Calibration
 - How many? Where? How long? Responsibilities?
- Maintenance/Vandalism









1 2 3 4 5

Slow Down the Community

- Privacy Concerns/Data Security
- Capturing Photos
 - Expected volume and processing capacity
- Issue Warning letters/Offence Notices/Penalty Notices
 - POA vs APs
- Other Staffing requirements









1 2 3 4 5

Report on Success

- MTO Reporting requirements semiannual
- MAG Reporting requirements monthly
- POA Court requirements
- Council Updates
- Community Updates





Let's continue the conversation...

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