

Document 1 - Executive Summary of the Neighbourhood Traffic Calming Process

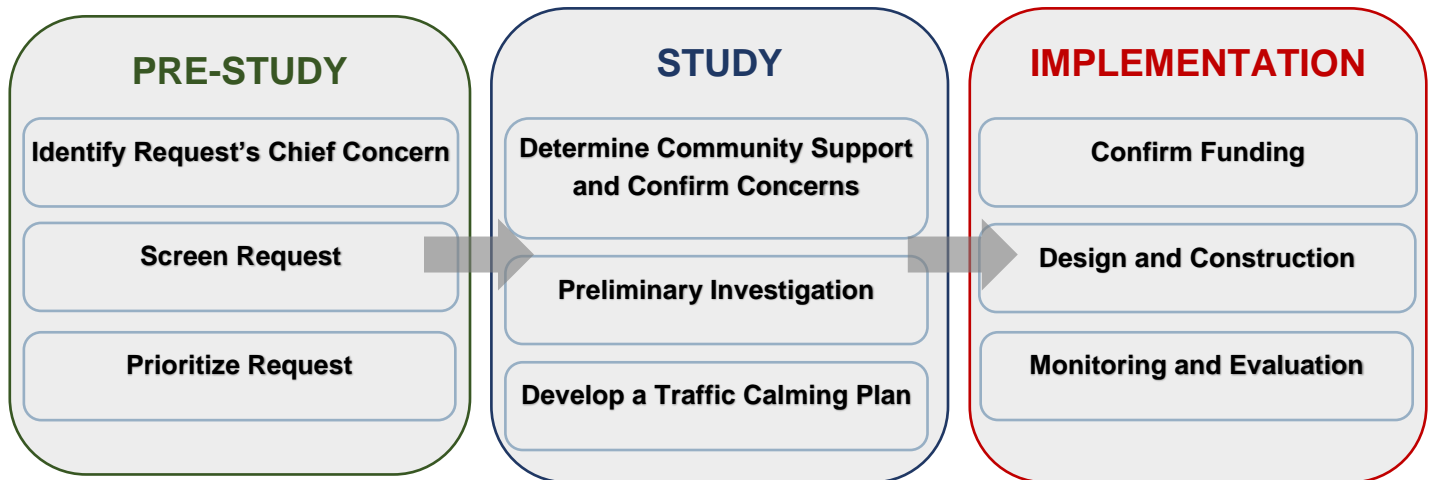
The following executive summary provides a high-level overview of the 2019 Neighbourhood Traffic Calming (NTC) Process and outlines how the City addresses requests for permanent traffic calming on existing streets.

Background

Inappropriate motor traffic behaviour in neighbourhoods can have negative consequences on the quality of life for residents. Traffic calming can help reduce these negative impacts and support more livable communities.

The City categorizes the types traffic calming solutions into Communication and Enforcement, Minor Adjustment, and Engineering solutions. The first two deal with things like educational campaigns, police enforcement, pavement markings, and signage changes. The latter, engineering solutions, involve permanent physical changes to streets such as the addition of speed humps or bulb-outs to calm traffic. Engineered traffic calming can potentially be implemented on City streets in a number of ways: as stand-alone projects, through road renewal projects, or as part of new development. The purpose of the NTC Program is to address requests for engineering traffic calming solutions on existing streets that cannot benefit from roadway modifications through other City programs (i.e. as stand-alone projects).

NTC Process for addressing requests for permanent engineered traffic calming



Pre-Study Phase: The intent of the NTC Process is to ensure the City focuses resources where problems are most severe. It does this by first establishing minimum technical qualifying criteria to help screen in a manageable list of requests. The requests that do qualify are prioritized using a set of technical criteria, to ensure that the most problematic locations are addressed first.

Study Phase: The highest priority requests will undergo analysis by NTC staff. The aim of the study is to confirm and identify the primary concerns and develop a traffic calming plan in consultation with residents and stakeholders.

Implementation Phase: Once a traffic calming plan is approved, staff will seek to confirm funding and once confirmed, the project will be submitted to the Infrastructure Services Department for design and construction. Once implemented, NTC staff will evaluate the effectiveness of the traffic calming plan, make adjustments if necessary, then close-out the project.

Important Facts about the NTC Process:

- **Focusing on streets within neighbourhoods** - The NTC Process will only qualify requests for traffic calming on designated Local and Collector streets within neighbourhoods as well as Village main streets. Major collectors and arterial roads, streets where traffic calming solutions are complex, costly and sometimes not appropriate will not qualify for this process. They are more appropriately resolved through integrated road, water, and sewer renewal projects where economies of scale may be achieved.
- **Two types of requests for permanent engineered traffic calming** - To address any qualified request, a study must be undertaken to determine appropriate solutions to carry forward for design and construction. The resources required to address the identified traffic concerns can vary significantly depending of the nature of these concerns. The NTC Process groups simple and more complicated study requirements into two separate “buckets”:
 - *Local Traffic Calming (LTC) studies* – focus on addressing concerns related to vehicular speeding on a specific street
 - *Neighbourhood Traffic Management (NTM) studies* – to address concerns related to vehicular speeding, traffic volumes, and / or through traffic within a defined study area (beyond a specific street).