

# THE CORPORATION OF THE CITY OF WINDSOR PROCEDURE

Service Area:	<b>Office of the Commissioner of Infrastructure Services</b>	Procedure No.:	
Department:	<b>Public Works Operations</b>	Approval Date:	<b>September 05, 2023</b>
Division:	Transportation Planning	Approved By:	<b>CR362/2023</b>
		Effective Date:	<b>September 05, 2023</b>
Subject:	<b>Expedited Temporary Traffic Calming Procedure</b>	Policy Ref.:	Traffic Calming Policy
		Pages:	Replaces: Expedited Temporary Traffic Calming Procedure
Prepared By:	C. Gerardi, Policy Analyst	6	Date: April 19, 2021

## 1. PURPOSE

1.1. This procedure is intended to provide details for implementation of the Traffic Calming Policy without conducting a full traffic calming warrant review as outlined in the Permanent Traffic Calming Procedure.

## 2. SCOPE

2.1. This procedure provides details for expediting implementation of temporary traffic calming measures.

## 3. RESPONSIBILITY

3.1. Responsibility for implementing this procedure is outlined in the Traffic Calming Policy.

## 4. PROCEDURE



4.1. Some temporary traffic calming measures may be installed without completing the full warrant review and public consultation process outlined for permanent traffic calming measures, and may be removed quickly if negative feedback is received.

4.2. Temporary traffic calming measures may be considered:

- a) at locations that have been approved (or are likely to be approved) for traffic calming through the Permanent Traffic Calming Procedure and are in the review, approval, design or construction stages;
- b) if a neighbourhood is experiencing (or is expected to experience) temporary traffic issues;
- c) on streets that do not qualify for (or are otherwise unsuitable for) permanent traffic calming measures but have traffic issues that remain unaddressed;
- d) as an interim solution for locations that qualify for traffic calming but are identified for roadwork in the near future (e.g. road reconstruction);

- e) to lower the cost of installation compared to permanent measures (not applicable with all measures); and
  - f) to be able to rotate through several locations so that one device can benefit multiple streets (e.g. radar speed feedback sign). This may not provide the same service level as one device at a fixed location.
- 4.3.** Administration may respond to a traffic speed concern by offering the temporary traffic calming measures provided in **Table 1**. A cost estimate range applied to each measure is provided in **Table 2**.

**Table 1: Temporary Traffic Calming Measures**

Item #	Measure	Example	Description	Estimated Annual Cost Range
4.3.1	Radar Speed Feedback Trailer	 <p style="text-align: center;">Denvergov.org</p>	A portable electronic speed display device placed at the location of a traffic speed concern to measure vehicle speeds of oncoming traffic and display the speed to nearby drivers and residents.	\$ - \$\$
4.3.2	Lawn Signs		A lawn sign provided upon request for placement within the boulevard to identifying a local speed concern and encourage safe driving habits and lower vehicle operating speeds on neighbourhood streets.	\$

**4.3.1. Radar Speed Feedback Trailer**

- 4.3.1.1.** A resident may request to have the radar trailer placed at a specific location by contacting 311. Requests may also be received from a Ward Councillor or the Windsor Police Service.
- 4.3.1.2.** Administration will review the request and place the radar trailer in the closest possible location that will capture the driver's full speed. Due to prior commitments, there may be a delay from the time the request is made to the time the radar trailer is present

onsite. Other factors that may cause delays include weather and/or construction activity.

- 4.3.1.3. The radar trailer will typically remain at each location until two full week-days of data are collected.
- 4.3.1.4. The results of the radar speed detection are recorded and shared with the Windsor Police Service.
- 4.3.1.5. The radar trailer may be used on any road classification except expressways.
- 4.3.1.6. Locations are not eligible for a repeat radar trailer within 3 years.

**4.3.2. Lawn signs**

- 4.3.2.1. A resident may request a lawn sign by contacting 311 and providing their information. Signs will be available on a first-come first-served basis, subject to availability each year. Councillors will be provided with 10% of the total number of signs for distribution within their ward. Generally, one sign will be provided per dwelling unit.
- 4.3.2.2. Signs must be placed in the lawn at least 0.6 meters (2 feet) from the curb, sidewalk or edge of roadway.
- 4.3.2.3. Signs must not obstruct sidewalks, or sightlines for pedestrians, cyclists or drivers, or be placed within 3 meters of a fire hydrant, on a roadway, median, traffic island, sidewalk, bicycle path, multi-use trail, near an expressway (or expressway ramp) or anywhere that interferes with access to or operation of a drainage ditch, culvert, bridge or overpass.
- 4.3.2.4. Signs must be used as supplied, without further illumination or the use of reflective tape, and inserted into the ground using the wire frame only. Signs are not to be mounted on a building, structure, post, pole, tree or bush.
- 4.3.2.5. Signs can be reused year after year. Once received, the condition of the sign is the responsibility of the requestor.
- 4.3.2.6. Signs can deteriorate over time and should be safely maintained and replaced when needed. Signs that are unsafe or unable to stay anchored into the ground should be removed immediately.
- 4.3.2.7. Signs can be used adjacent to all roadways except expressways.
- 4.3.2.8. Administration may request residents who received a lawn sign to participate in a short survey regarding their use and effectiveness.

**Table 2: Estimated Cost Range**




<b>Symbol</b>	<b>Range</b>
\$	\$0 - \$5,000
\$\$	\$5,000 - \$20,000
\$\$\$	\$20,000 - \$50,000
\$\$\$\$	\$50,000 - \$100,000
\$\$\$\$\$	> \$100,000






- 4.4. Administration may install the temporary traffic calming measures provided in **Attachment A** on Local or Class II Collector roads upon direction from the Ward Councillor without the full warrant review and public consultation process outlined for permanent traffic calming.
- 4.5. Administration may install items 1 or 2 in Attachment A on Class I Collector roads that have no more than 2 travel lanes and a maximum posted speed limit of 50 km/h, upon the direction from the Ward Councillor and approval of the Executive Director of Operations, without the full warrant review and public consultation process outlined for permanent traffic calming.
- 4.6. Projects would be funded by the temporary traffic calming measures initiative on a cost recovery basis, with 10% of the total funds being allocated per ward. Administration may meet with Councillors annually to review the prioritized list of outstanding traffic calming requests and speed/volume concerns to help create a plan for each year's budget. Measures will not automatically be renewed each year; funds must be approved each year to renew certain measures (such as pavement markings that would otherwise they will be allowed to fade, flexible posts that may require removal before the winter season and would not be reinstalled without subsequent direction and funding as necessary, etc.). Councillors may choose to rotate certain measures between wards/locations at a lower cost than purchasing additional units.
- 4.7. Administration will continue to explore new traffic calming measures and may test different measures as pilot projects to determine if they are suitable for temporary or permanent installation.
- 4.8. Where a resident or Councillor requests a more thorough traffic calming review, Administration will refer to the Permanent Traffic Calming Procedure.
- 4.9. Where requests are received on higher classification roadways, such as Arterial roadways as defined in the City's Official Plan, Administration will refer to the Arterial Roadways Traffic Calming Procedure.
- 4.10. Where requests form part of a planned or existing bikeway, Administration will refer to the Bikeways Traffic Calming Procedure.

## **5. RECORDS, FORMS, AND ATTACHMENTS**

- 5.1. Records for this policy shall be prepared and retained in accordance with Records Retention By-Law 21-2013, as amended.
- 5.2. Attachment A – Expedited Temporary Traffic Calming Toolbox

## ATTACHMENT A – Expedited Temporary Traffic Calming Toolbox

Item #	Measure	Example	Description	Est. Initial Cost	Est. Annual Maint. Cost
1	Radar Speed Feedback Signs	 <p style="text-align: center;">Townofsananselmo.org</p>	Post or pole-mounted radar speed feedback signs provide immediate feedback alerting the driver to their speed. Ideally this will encourage drivers to obey the speed limit. Additional enforcement or physical measures are encouraged to reinforce the treatment.	\$\$	\$
2	Vehicle Activated Warning Signs	 <p style="text-align: center;">Unipartdorman.com</p>	Solar powered electronic signs equipped with radar speed detectors alert drivers of hazards ahead when activated by speeds surpassing a programmed threshold.	\$ - \$\$	\$
3	On-Road Sign Pavement Markings	 <p style="text-align: center;">google.com/maps (Queen St. S. at Glenfern Ave., Hamilton, Ontario)</p>	Sign pavement markings may be used to provide on-road messages, such as “MAX 50 km/h”, “Stop Ahead”, “School Ahead”, or “SLOW”.	\$ - \$\$	\$ - \$\$

		 <p>google.com/maps (S. Sterling Ave., Tampa, Florida)</p>			
4	* Flexible Posts	 <p>City of Kalamazoo</p>	Flexible posts anchored to the pavement to create bulb-outs or chicane.	\$	\$
5	* Traffic Calming Curbs	 <p>facebook.com/MunicipalityofLeamington (Talbot St. W. at Queens Ave.)</p>  <p>google.com/maps (McKenzie Towne Gate, Calgary)</p>  <p>google.com/maps (Erin Woods Blvd., Calgary)</p>	Precast concrete slabs used to create curb extensions, traffic circle centre islands, chicanes or protected bicycle lanes.	\$ - \$\$	\$ - \$\$

\* Will likely need to be removed during the winter season (November to April)