



**CITY OF HAMILTON**  
**PUBLIC WORKS DEPARTMENT**  
**Transportation Operations and Maintenance Division**

<b>TO:</b>	Chair and Members Public Works Committee
<b>COMMITTEE DATE:</b>	June 17, 2019
<b>SUBJECT/REPORT NO:</b>	Results of the Traffic Calming Committee Survey (PW19056) (City Wide) <b>(Outstanding Business List Item)</b>
<b>WARD(S) AFFECTED:</b>	City Wide
<b>PREPARED BY:</b>	Louis Wickline (905) 546-2424 Ext. 5781 David Ferguson (905) 546-2424 Ext. 2433
<b>SUBMITTED BY:</b>	Edward Soldo Director, Transportation Operations & Maintenance Public Works Department
<b>SIGNATURE:</b>	

**RECOMMENDATIONS**

- (a) That Report PW19056, Striped Delineators and the Traffic Calming Committee Survey Results be received by the Public Works Committee;
- (b) That the Outstanding Business List Item, Results of the Traffic Calming Committee Survey be identified as completed and removed from the Public Works Outstanding Business List.

**EXECUTIVE SUMMARY**

Transportation Operations and Maintenance division staff have been working in conjunction with the members of the Crown Point Community Planning team and the area Councillor since 2017 regarding the implementation of the results of the Traffic Calming Committee Survey. The community provided feedback regarding traffic operational concerns they felt needed to be addressed in their neighbourhood. Common themes included vehicular speeding on residential streets, poor stop sign compliance, neighbourhood cut-through traffic, requests for new traffic controls (such as traffic signals and all-way stops), traffic signal timing issues and lack of enforcement of various parking provisions. At the November 13, 2017 meeting of the Public Works Committee,

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OUR Vision: To be the best place to raise a child and age successfully.

OUR Mission: To provide high quality cost conscious public services that contribute to a healthy, safe and prosperous community, in a sustainable manner.

OUR Culture: Collective Ownership, Steadfast Integrity, Courageous Change, Sensational Service, Engaged Empowered Employees.

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a presentation was given by the Crown Point Community Planning team to summarize the community's concerns. Staff were asked to assess each of the requests in the presentation, including associated costs, and to report back to the Public Works Committee.

Over the course of 2018 and first part of 2019 staff have been working toward addressing the concerns brought forward from the Traffic Calming Committee Survey. Appendix "A" includes a detailed summary of each concern brought forward by the Traffic Calming Committee Survey as well as staff action to address the concern and any outstanding next steps.

At the January 23, 2019 meeting of Council, and following the public delegation received by a City resident, staff were directed to remove the red and orange striped delineators at the intersection of Balmoral Avenue South and Justine Avenue and replace with red and white delineators.

Staff were also asked to review the current practice and standard for installation of striped delineators (tiger tails) at intersections, and report back to the Public Works Committee addressing the concerns brought forward in the delegation, as well as provide an assessment of the feasibility of replacing all existing red and orange tiger tails throughout the City of Hamilton with the revised red and white striped delineators.

Based on a review and survey of members of the Road Safety Committee of Ontario (ROSCO), staff has revised the striped delineator standard to a red and white colour scheme to create consistency with provincial best practices and other area municipalities. When new installations are required or when existing signs need to be replaced, the new standard will be applied. The existing installations will not be retrofitted until they need to be replaced.

**Alternatives for Consideration – See Page 6**

**FINANCIAL – STAFFING – LEGAL IMPLICATIONS**

Financial: There are no financial impacts associated with this report.

Staffing: There are no staffing implications associated with this report.

Legal: There are no legal issues relating to this report.

**HISTORICAL BACKGROUND**

At the November 13, 2017 Public Works Committee meeting, the following resolution was passed:

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Dina D’Ermo, Member of the Crown Point Community Planning Team addressed the Committee respecting the results of the Traffic Calming Committee Survey (Item 6.1).

- (a) That the delegation from Ms. Dina D’Ermo be received;
- (b) That each of the requests in the presentation be referred to staff for a full assessment, including the costs associated with them, with a report coming back to the Public Works Committee at a future meeting.

At the January 23, 2019 Public Works Committee, the following resolution was passed:

Amendment to Item 1 of the Public Works Committee Report 19-001 respecting Tiger Tails at the Intersection of Balmoral Avenue South and Justine Avenue, Hamilton (Item 8.1).

That Item 1 of the Public Works Committee Report 19-001, be deleted in its entirety and replaced with the following in lieu thereof:

- (a) Tiger Tails at the Intersection of Balmoral Avenue South and Justine Avenue, Hamilton (Item 8.1);
- (b) That staff be directed to remove the existing red and orange tiger tails from the stop signs at the intersection of Balmoral Avenue South and Justine Avenue, Hamilton and replace them with red and white tiger tails.

**POLICY IMPLICATIONS AND LEGISLATED REQUIREMENTS**

There are no policy implications or legislated requirements.

**RELEVANT CONSULTATION**

Staff consulted with the Crown Point Community Planning team as well as members of the Road Safety Committee of Ontario (ROSCO).

**ANALYSIS AND RATIONALE FOR RECOMMENDATIONS**

Crown Point Neighbourhood Review

Several changes were implemented to address concerns identified in the Traffic Calming Committee Survey for the Crown Point neighbourhood. The costs associated with the collection of traffic data, signage fabrication and installation and pavement marking application has been summarized below for any mitigating measures implemented by staff in response to the survey.

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1. Installation of 64 new Tiger Tails - \$11,520 total cost
2. Installation of 6 additional stop signs - \$1,500 total cost
3. Installation of 12 stop bars - \$6,000 total cost
4. Installation of 12 standard crosswalks - \$12,000 total cost
5. Installation of 7 new Ladder Crosswalks - \$10,500 total cost

Staff reviewed and implemented measures to address the concerns brought forward by the Traffic Calming Committee Survey for Crown Point and therefore this item can be removed from the Outstanding Business List.

### Tiger Tails

The City has been installing red and orange striped delineators on stop controls throughout the city as a means of increasing the level of stop compliance at existing controlled locations for several decades. The reason for the use of this colour scheme was that at the time the red and orange colour scheme provided enhanced reflectivity compared to the available red and white sign sheeting. The current practice for installation of delineators is either in response to staff investigation and confirmation of compliance issues or in response to resident's concerns.

The investigation completed by staff has determined that striped delineators are not a standard sign included in industry manuals, however the use of these delineators is a widely accepted practice developed and used by traffic and transportation engineering professionals as an enhancement to the regulatory signage.

At the January 23, 2019 Council Meeting, a public delegation was received by an area resident. This delegation questioned the use of the striped delineators and specifically the colour scheme. As a result, staff were directed to remove the striped delineators that had recently been installed at the intersection of Balmoral Avenue South and Justine Avenue.

Staff reached out to the members of the Road Safety Committee of Ontario (ROSCO) to determine if other municipalities were using striped delineators and for what application. Staff received responses from 15 other municipalities.

The results are as follows:

60 percent use Tiger Tails, 40 percent do not.

1. 100 percent of those that use them, use the red and white colour scheme as they are an enhancement to a regulatory sign that is red and white.

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2. 78 percent use them to supplement stop signs, 22 percent use them to supplement other scenarios.

Based on this information and to create consistency in signage between the City and other municipalities in Ontario, staff has revised the current City standard for striped delineators from red and orange to red and white as illustrated on Figure 1 below:

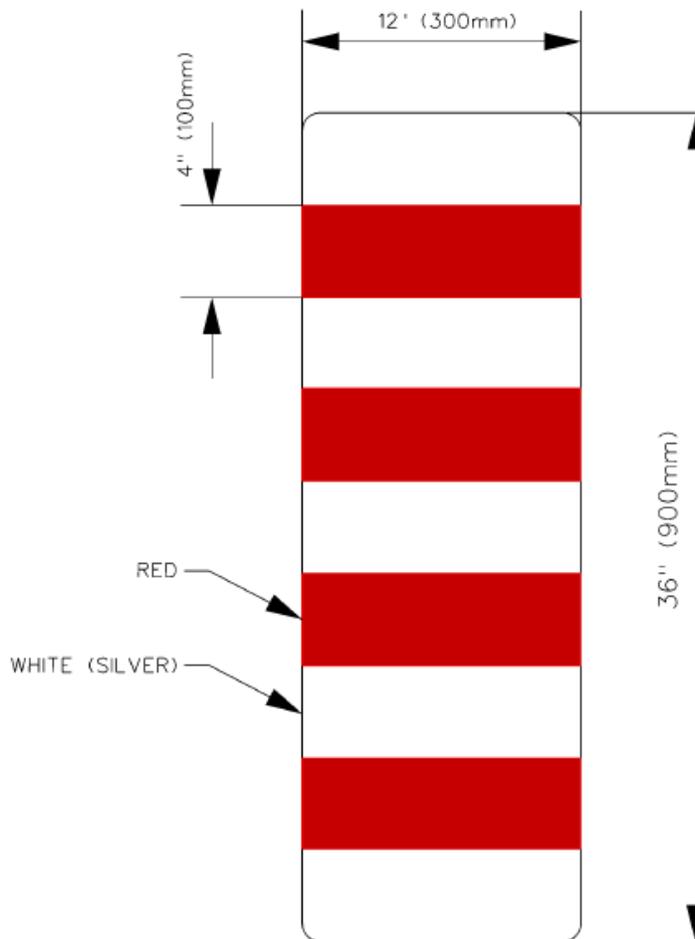


Figure 1 – Striped Delineator

The revised standard for striped delineators is in keeping with provincial best practices and other local municipalities, therefore maintaining consistency in the Greater Toronto Hamilton Area. All new installations of striped delineators will use the revised standard. Further, any striped delineators that are replaced at the end of their life cycle will use the revised standard.

## **ALTERNATIVES FOR CONSIDERATION**

Public Works Committee could request the replacement of all existing tiger tails in the City at a total estimated cost of \$535,000. Should Council wish to proceed with replacement of all delineators, a funding source would need to be identified through future budget deliberations.

## **ALIGNMENT TO THE 2016 – 2025 STRATEGIC PLAN**

### **Community Engagement and Participation**

Hamilton has an open, transparent and accessible approach to City government that engages with and empowers all citizens to be involved in their community.

### **Healthy and Safe Communities**

Hamilton is a safe and supportive City where people are active, healthy, and have a high quality of life.

### **Built Environment and Infrastructure**

Hamilton is supported by state of the art infrastructure, transportation options, buildings and public spaces that create a dynamic City.

## **APPENDICES AND SCHEDULES ATTACHED**

Appendix “A” to Report PW19056 – Crown Point Traffic Calming Committee Update