

<p>Date: March 4, 2021</p> <p>To: Chair and Members of General Committee</p> <p>From: Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works</p>	<p>Originator's files:</p> <hr/> <p>Meeting date: March 31, 2021</p>
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Subject

Traffic Calming - Special Projects (Ward 3 and 11)

Recommendation

1. That the report from the Commissioner of Transportation and Works, dated March 4, 2021 and entitled "Traffic Calming – Special Projects (Ward 3 and 11)", be approved.
2. That the report from the Commissioner of Transportation and Works, dated March 4, 2021 and entitled "Traffic Calming – Special Projects (Ward 3 and 11)" be referred to the Mississauga Traffic Safety Council, Cycling Advisory Committee and the Mississauga Road Safety Committee for information.

Executive Summary

- Flagship Drive, Falconer Drive, Second Line West and Sombrero Way are roadways that have been identified as locations that would benefit from the installation of traffic calming.
- Ward 3 Special Project funding is being utilized for the implementation of physical traffic calming on Flagship Drive.
- Ward 11 Special Project funding is being utilized for the implementation of physical traffic calming on Falconer Drive, Second Line West and Sombrero Way.
- No concerns have been raised from either emergency services or MiWay regarding the proposed traffic calming measures.

Background

The Traffic Services and Road Safety Section regularly conducts reviews regarding speeding, aggressive driving, and traffic infiltration on City roadways. This includes the collection of speed and volume data.

Once a speeding concern is identified, Road Safety staff utilize a number of passive traffic calming techniques to reduce vehicle operating speeds. These passive traffic calming measures can include the implementation of painted edge/centre lines, the use of a speed awareness device, and enforcement.

If an ongoing identified concern cannot be resolved through other more passive traffic calming measures, Road Safety staff evaluate the location against the criteria outlined in the Traffic Calming Policy 10-09-03. If a location does qualify based on the criteria outlined in the policy, it is prioritized on a list of traffic calming locations.

In consultation with the local Ward Councillors, and based on a prioritized warranted list provided by Road Safety staff, locations within Ward 3 and 11 were identified where Special Project funding could be utilized. The following traffic calming locations were selected for physical traffic calming measures:

- Ward 3 - Flagship Drive (Appendix 1)
- Ward 11 - Falconer Drive between Matlock Avenue and Kenninghall Boulevard (Appendix 2)
- Ward 11 - Second Line West between Old Derry Road and Sombrero Way (Appendix 3)
- Ward 11 - Sombrero Way (Appendix 4)

Based on the historical traffic data, and an increased desire from the community for physical traffic calming due to the speed limit changes planned as part of the Neighbourhood Speed Limit Project, the following roadways would benefit from the installation of physical traffic calming:

Flagship Drive	Posted Speed (km/h)	85th Percentile Speed (km/h)
Between Parthia Crescent and Constitution Boulevard	40	58
Between Ivernia Road and Queen Frederica Drive	40	54
Between Ivernia Road and Parthia Crescent	40	51

Falconer Drive	Posted Speed (km/h)	85th Percentile Speed (km/h)
Between Alpha Mills Road and Matlock Avenue	50	68
Between Hyde Mills (north leg) and Rapallo Mews	50	54
Between Hyde Mill (south leg) and Plainsman Road	50	59

Second Line West	Posted Speed (km/h)	85th Percentile Speed (km/h)
Between Lamplight Way and Silverthorn Mill Avenue	50	65
Between Silverthorn Mill Avenue and Old Derry Road	50	61

Sombrero Way	Posted Speed (km/h)	85th Percentile Speed (km/h)
Between Harmony Hill and Viola Court	50	57

Comments

Once candidates for the installation of physical traffic calming measures were identified, preliminary plans for the neighbourhood were developed. Staff considered different types of traffic calming devices and overall roadway characteristics to achieve operating speeds, which are consistent with the posted speed limit. These factors include traffic calming type, spacing, layout and impacts the installation of physical traffic calming devices may have on local residents and City services.

Public Consultation

To determine the level of support and to refine the traffic calming plan for a neighbourhood, notification of the proposed projects was sent to area residents. The traffic calming concepts were posted on the Local Councillor's website and residents were provided the opportunity to provide feedback and discuss issues with the local Councillor's office and city staff. The results of the virtual public engagement consultations are as follows:

- Flagship Drive – 81% of respondents were supportive of the proposed measures along Flagship Drive. These measures include a series of speed cushions that will be installed between Rymal Road and Queen Frederica Drive.
- Falconer Drive - 80% of respondents were supportive of the proposed measures along Falconer Drive. These measures include a series of speed cushions and a raised crosswalk that will be installed between Matlock Avenue and Kenninghall Boulevard.
- Second Line West – 96% of respondents were supportive of the proposed measures along Second Line West. These measures include a series of speed cushions that will be installed between Old Derry Road and Sombrero Way.
- Sombrero Way – 89% of respondents were supportive of the proposed measures along Sombrero Way. These measures include a series of speed cushions and a raised intersection that will be installed between Second Line West and Mavis Road.

In consultation with the local Ward Councillors', decisions were made to pursue the installation of physical traffic calming measures on Flagship Drive, Falconer Drive, Second Line West, and Sombrero Way.

Staff provided the revised concept plans to all emergency services and MiWay and there were no concerns regarding the proposed traffic calming.

Financial Impact

The following traffic calming measure projects (F20199 & G20199) are not requesting funding through this corporate report.

Funding for these projects will be provided through Councillor's special gas tax funding and will be requested with the December 2020 WIP corporate report:

Project	Estimate	PN#
Flagship Drive	\$40,000	F20199
Sombrero Way	\$55,000	G20199

The following traffic calming measure projects do not require additional funding and are accommodated within the existing Councillor's special gas tax funded projects as follows:

- Falconer Drive for \$60,000 within PN#C20199.
- Second Line West for \$45,000 within PN#D20199.

Conclusion

There is sufficient interest from local area residents, as well as support from the Local Ward Councillors, for the implementation of physical traffic calming measures on Flagship Road, Falconer Drive, Second Line West and Sombrero Way.

Attachments

Appendix 1: Location Map – Flagship Drive (entire roadway) (Ward 3)

Appendix 2: Location Map – Falconer Drive between Matlock Avenue and Kenninghall Boulevard (Ward 11)

Appendix 3: Location Map – Second Line West between Old Derry Road and Sombrero Way (Ward 11)

Appendix 4: Location Map – Sombrero Way (entire roadway) (Ward 11)



Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works

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