

City of Mississauga
Corporate Report



<p>Date: June 8, 2021</p> <p>To: Chair and Members of General Committee</p>	<p>Originator's files:</p>
<p>From: Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works</p>	<p>Meeting date: June 23, 2021</p>

Subject

Traffic Calming - 0443-2021.docx

Recommendation

1. That the report from the Commissioner of Transportation and Works, dated June 8, 2021 entitled "Traffic Calming", be approved.
2. That the report from the Commissioner of Transportation and Works, dated June 8, 2021 and entitled "Traffic Calming" be referred to the Mississauga Traffic Safety Council, the Cycling Advisory Committee and the Mississauga Road Safety Committee for information.

Executive Summary

- Golden Orchard Drive, Cambrett Drive, Paisley Boulevard West and Council Ring Road are roadways that have been identified as locations which would benefit from the installation of traffic calming.
- Ward 3 Special Project funding is being utilized for the implementation of physical traffic calming on Golden Orchard Drive.
- The 2021 Traffic Calming Program Capital budget is being utilized for the implementation of physical traffic calming on the following roadways:
 - Ward 5 - Cambrett Drive; and
 - Ward 7 - Paisley Boulevard West.
- Ward 8 Special Project funding is being utilized for the implementation of physical traffic calming on Council Ring Road.
- No concerns have been raised from 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 which 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 will 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 will be 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, 5, 7 & 8 were identified where Special Project funding and the Traffic Calming Program Capital budget could be utilized. The following traffic calming locations were selected for physical traffic calming measures:

- Ward 3 – Golden Orchard Drive between Willowbank Trail and Rathburn Road East, and between Burnhamthorpe Road East and Bloor Street (Appendix 1)
- Ward 5 – Cambrett Drive between Morning Star Drive and Etude Drive (Appendix 2)
- Ward 7 – Paisley Boulevard West between Pollard Drive and Confederation Parkway (Appendix 3)
- Ward 8 - Council Ring Road between Glen Erin Drive (south leg) and The Collegeway (Appendix 4).

Based on the historical traffic data, and 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:

Golden Orchard Drive	Posted Speed (km/h)	85th Percentile Speed (km/h)
Between Greybrook Crescent and Greybrook Crescent	40	52
Between Larny Court and Greybrook Cescent	40	52
Between Bloor Street and Grand Forks Road	40	50

Cambrett Drive	Posted Speed (km/h)	85th Percentile Speed (km/h)
Between Jolliffe Avenue and Shallford Road (south leg)	40	57
Between Drifton Crescent and Shallford Road	40	53

Paisley Boulevard West	Posted Speed (km/h)	85th Percentile Speed (km/h)
Between Huron Park Place and Pollard Drive	40	55
Between Morrison Avenue and Huron Park Place	40	63
Between President Boulevard and Goodison Avenue	40	52
Between Consulate Road and President Boulevard	30	57
Between Kingsberry Crescent and Palisander Avenue	40	53
Between Callum Avenue and Crystalburn Avenue	40	51
Between Mason Heights and Whaley Drive	40	54

Council Ring Road	Posted Speed (km/h)	85th Percentile Speed (km/h)
Between Windjammer Road and Moonee Road	40	57
Between Kings Masting Crescent and Kings Masting Crescent	40	57
Between Mainroyal Street and Kings Masting Crescent	40	55

Comments

Once candidates for the installation of physical traffic calming measures are 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 the neighbourhood, notification of the proposed projects was sent to area residents. The traffic calming concepts were posted on the Local Councillor's website, City's website and residents were provided the opportunity to provide feedback and discuss issues with Councillor's office and city staff. The results of the virtual public engagement consultations are as follows:

- Golden Orchard Drive – 65% of respondents were supportive of the proposed measures along Golden Orchard Drive. These measures include a raised crosswalk between Burnhamthorpe Road East and Bloor Street and a series of speed cushions between the following roadways:
 - Willowbank Trail and Rathburn Road East, and
 - Burnhamthorpe Road East and Bloor Street.
- Cambrett Drive - 100% of respondents were supportive of the proposed measures along Cambrett Drive. These measures include a series of speed cushions that will be installed between Morning Star Drive and Etude Drive.
- Paisley Boulevard West– 74% of respondents were supportive of the proposed measures along Paisley Boulevard West. These measures include a series of speed cushions that will be installed between Pollard Drive and Confederation Parkway. The

traffic calming between Mavis Road and Confederation Parkway will be included as part of the scheduled resurfacing work.

- Council Ring Road – 68% of respondents were supportive of the proposed measures along Council Ring Road. These measures include a series of speed cushions that will be installed between Glen Erin Drive (south intersection) and The Collegeway.

In consultation with the local Ward Councillors, the decision was made to pursue the installation of physical traffic calming measures on Golden Orchard Drive, Cambrett Drive, Paisley Boulevard West, and Council Ring Road.

Staff provided the revised concept plans to all emergency services and MiWay and no concerns have been raised regarding the proposed traffic calming.

Financial Impact

On May 22nd, 2019 a motion was passed by Council to establish capital projects up to a total amount of \$2 million per ward, to be used at the discretion of each local Councillor for infrastructure projects.

The following traffic calming measure projects are not funded. Funding for these projects will be provided through councillor's special gas tax funding and requested with the June 2021 WIP corporate report:

Project	Estimate	PN#
Golden Orchard Drive	\$65,000	A21199
Council Ring Road	\$60,000	B21199

The estimated cost for the installation of physical traffic calming measures on Cambrett Drive and Paisley Boulevard West is \$135,000 and can be accommodated within the 2021 Traffic Calming Program capital project 21199.

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 Golden Orchard Drive, Cambrett Drive, Paisley Boulevard West, and Council Ring Road.

Attachments

Appendix 1: Location Map – Golden Orchard Drive between Willowbank Trail and Rathburn Road East, and between Burnhamthorpe Road East and Bloor Street (Ward 3)

Appendix 2: Location Map – Cambrett Drive between Morning Star Drive and Etude Drive (Ward 5)

Appendix 3: Location Map – Paisley Boulevard West between Pollard Drive and Confederation Parkway (Ward 7)

Appendix 4: Location Map – Council Ring Road between Glen Erin Drive (south leg) and The Collegeway (Ward 8)



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

Prepared by: Khulud Sheeraz, C.Tech., Road Safety Technician