

City of Mississauga Corporate Report



Date: April 12, 2022 To: Chair and Members of General Committee	Originator's files:
From: Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works	Meeting date: April 27, 2022

Subject

Traffic Calming – Ward 10 - 0264-2022.docx

Recommendation

1. That the report from the Commissioner of Transportation and Works, dated April 12th, 2022 and entitled “Traffic Calming – Ward 10” be approved.
2. That the report from the Commissioner of Transportation and Works, dated April 12th, 2022 and entitled “Traffic Calming – Ward 10” be referred to the Mississauga Traffic Safety Council, Cycling Advisory Committee and the Mississauga Road Safety Committee for information.

Executive Summary

- Churchill Meadows Boulevard, Lisgar Drive, McDowell Drive and Tacc Drive are roadways that have been identified as locations which would benefit from the installation of traffic calming.
- Sufficient support from the community was received to proceed with traffic calming on Churchill Meadows Boulevard, McDowell Drive and Tacc Drive.
- Ward 10 Special Project funding will be utilized for the implementation of physical traffic calming.
- 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.

In consultation with the local Ward Councillor, and based on a prioritized warranted list provided by Road Safety staff, locations within Ward 10 were identified where Special Project funding could be utilized. The following traffic calming locations were selected for physical traffic calming measures:

- Churchill Meadows Boulevard between Mocha Mews/Quiet Creek Drive and Eglinton Avenue West (Appendix 1)
- Lisgar Drive between Beechnut Row/Cedar Hedge Rise and Saratoga Way/Forest Bluff Crescent (Appendix 2)
- McDowell Drive between Churchill Meadows Boulevard and Tenth Line West (Appendix 3)
- Tacc Drive between Tenth Line West and Oscar Peterson Boulevard (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:

Churchill Meadows Boulevard	Posted Speed (km/h)	85th Percentile Speed (km/h)
Between Quiet Creek Drive/Mocha Mews and Littlebend Drive/Misty Pine crescent	40	53
Between Stardust Drive and Nightstar Drive	40	52

Lisgar Drive	Posted Speed (km/h)	85th Percentile Speed (km/h)
Between Beechnut Row/Cedar Hedge Rise and Alderwood Trail	30	54

McDowell Drive	Posted Speed (km/h)	85th Percentile Speed (km/h)
Between Tampico Way and Bermuda Drive	30	53
Between Terrapark Trail and Terranova Drive	30	52

Tacc Drive	Posted Speed (km/h)	85th Percentile Speed (km/h)
Between Tenth Line West and Oscar Peterson Boulevard	40	60

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 the neighbourhood, notification of the proposed projects was sent to area residents. The traffic calming concepts were posted on the City's website and residents were provided the opportunity to provide feedback. The results of the virtual public engagement consultations are as follows:

- Churchill Meadows Boulevard – 51% of respondents were supportive of the proposed measures along Churchill Meadows Boulevard. These measures include a series of speed cushions that will be installed between Mocha Mews/Quiet Creek Drive and Eglinton Avenue West.
- Lisgar Drive – 47% of respondents were supportive of the proposed measures along Lisgar Drive. Directly affected residents on Lisgar Drive had a higher level of support (67%) than those in the larger neighbourhood. These measures include a series of speed cushions that will be installed between Beechnut Row/Cedar Hedge Rise and Saratoga Way/Forest Bluff Crescent.
- McDowell Drive – 61% of respondents were supportive of the proposed measures along McDowell Drive. These measures include a series of speed cushions that will be installed between Churchill Meadows Boulevard and Tenth Line West.
- Tacc Drive – 74% of respondents were supportive of the proposed measures along Tacc Drive. These measures include a series of speed cushions that will be installed between Tenth Line West and Oscar Peterson Boulevard.

Sufficient support from the community was received to proceed with traffic calming on Churchill Meadows Boulevard, McDowell Drive and Tacc Drive.

While the larger community was not in support of the traffic calming project on Lisgar Drive, in consultation with the local Ward Councillor, the decision was made to proceed with the project due to a high level of support from directly affected residents.

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 for a total of \$112,500.00

Project	Estimate	PN#
Churchill Meadows Boulevard	\$22,500.00	F21199
McDowell Drive	\$52,500.00	
Tacc Drive	\$22,500.00	
Lisgar Drive	\$15,000.00	

Conclusion

There is sufficient interest from area residents, as well as support from the local Ward Councillor, for the implementation of physical traffic calming measures on Churchill Meadows Boulevard, McDowell Drive, Tacc Drive, and Lisgar Drive.

Attachments

Appendix 1: Location Map – Churchill Meadows Boulevard between Mocha Mews/Quiet Creek Drive and Eglinton Avenue West (Ward 10)

Appendix 2: Location Map – Lisgar Drive between Beechnut Row/Cedar Hedge Rise and Saratoga Way/Forest Bluff Crescent (Ward 10)

Appendix 3: Location Map – McDowell Drive between Churchill Meadows Boulevard and Tenth Line West (Ward 10)

Appendix 4: Location Map – Tacc Drive between Tenth Line West and Oscar Peterson Boulevard (Ward 10)



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

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