

City of Mississauga

Corporate Report



Date: June 11, 2020	Originator's files:
To: Mayor and Members of Council	
From: Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works	Meeting date: July 8, 2020

Subject

Traffic Calming (Ward 10)

Recommendations

1. That the report from the Commissioner of Transportation and Works, dated June 11, 2020 and entitled "Traffic Calming (Ward 10)" be approved.
2. That the report from the Commissioner of Transportation and Works, dated June 11, 2020 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.

Report Highlights

- Three roadways where traffic calming is warranted were selected from a prioritized list of locations within Ward 10.
- Ward 10 Special Project funding is being utilized for the implementation of physical traffic calming on Lisgar Drive, Tacc Drive, and Osprey Boulevard.
- 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.

Staff provided a prioritized list of locations within Ward 10 where traffic calming was warranted to identify opportunities to utilize Ward 10 Special Project funding. The three eligible traffic calming locations were selected for physical traffic calming measures:

- Lisgar Drive between Doug Leavens Boulevard and Beacham Street (Appendix 1)
- Tacc Drive between Freshwater Drive and Tenth Line West (Appendix 2)
- Osprey Boulevard Between Saltmarsh Court and Nighthawk Trail (Appendix 3).

Lisgar Drive

Traffic data collected along Lisgar Drive is as follows:

Lisgar Drive	Posted Speed (km/h)	Fall 2019
		85th Percentile Speed (km/h)
Indigo Crescent and Berryman Trail	40	63

Based on the results of the speed studies, Lisgar Drive between Doug Leavens Boulevard and Beacham Street would benefit from the implementation of traffic calming. Lisgar Drive between Doug Leavens Boulevard and Derry Road West is scheduled to be resurfaced in 2020, and the traffic calming installations will be accommodated within the scheduled work.

Tacc Drive

Traffic data collected along Tacc Drive is as follows:

Tacc Drive	Posted Speed (km/h)	Spring 2018
		85th Percentile Speed (km/h)
Between Tenth Line West and Trailbank Drive	40	56

Based on the results of the speed studies, Tacc Drive between Freshwater Drive and Tenth Line West would benefit from the implementation of traffic calming.

Osprey Boulevard

Traffic data collected along Osprey Boulevard is as follows:

Osprey Boulevard	Posted Speed (km/h)	Summer 2019
		85th Percentile Speed (km/h)
Between Saltmarsh Court and Prairie Circle	40	50

Based on the results of the speed studies, Osprey Boulevard between Saltmarsh Court and Prairie Circle would benefit from the implementation of traffic calming.

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 directly-affected residents and a virtual public engagement session was conducted by the Councillor. Arrangements were made to provide residents with the opportunity to discuss issues with Councillor's office and City staff. The results of the virtual public engagement consultations are as follows:

- Lisgar Drive - 74% of respondents were supportive of the proposed measures along Lisgar Drive. These measures include a series of speed cushions that will be installed between Doug Leavens Boulevard and Beacham Street.
- Tacc Drive – 87% of respondents were supportive of the proposed measures along Tacc Drive. These measures include a series of speed cushions that will be installed between Freshwater Drive and Tenth Line West.
- Osprey Boulevard – based on previous consultation with the neighbourhood, a virtual public engagement session was not deemed necessary for this project. Notification of the proposed traffic calming was sent to directly affected residents. These measures

include a series of speed cushions that will be installed between Saltmarsh Court and Prairie Circle.

In consultation with the local Ward Councillor, the decision was made to pursue the installation of physical traffic calming measures on Lisgar Drive, Tacc Drive and Osprey Boulevard.

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 22, 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 estimated cost for the installation of physical traffic calming measures on Lisgar Drive and Tacc Drive is \$50,000 and can be accommodated within PN#A19200.

The estimated cost for the installation of physical traffic calming measures on Osprey Boulevard is \$10,500 and can be accommodated within PN#A20199.

Conclusion

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

Attachments

Appendix 1: Location Map – Lisgar Drive between Doug Leavens Boulevard and Beacham Street (Ward 10)

Appendix 2: Location Map – Tacc Drive between Freshwater Drive and Tenth Line West (Ward 10)

Appendix 3: Location Map – Osprey Boulevard Between Saltmarsh Court and Prairie Circle (Ward 10)



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

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