

City of Mississauga Corporate Report



Date: April 26, 2022

To: Chair and Members of General Committee

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

Originator's files:

Meeting date:
May 11, 2022

Subject

Traffic Calming – Ward 2 - 0294-2022.docx

Recommendation

1. That the report from the Commissioner of Transportation and Works, dated April 26th, 2022 and entitled "Traffic Calming – Ward 2" be approved.
2. That the report from the Commissioner of Transportation and Works, dated April 26th, 2022 and entitled "Traffic Calming – Ward 2" be referred to the Mississauga Traffic Safety Council, Cycling Advisory Committee and the Mississauga Road Safety Committee for information.

Executive Summary

- Meadow Wood Road and Orr Road are roadways that have been identified as locations which would benefit from the installation of traffic calming.
- The 2021 Traffic Calming Program Capital budget is being utilized for the implementation of physical traffic calming on Meadow Wood Road.
- Ward 2 Special Project funding is being utilized for the implementation of physical traffic calming on Orr 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.

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 former local Ward Councillor Ras, Orr Road was identified as a location where Special Project funding could be utilized. Meadow Wood Road was identified as a candidate for the Traffic Calming Program Capital budget. The following historical traffic data illustrates that the following roadways would benefit from the installation of physical traffic calming:

Meadow Wood Road	Posted Speed (km/h)	85th Percentile Speed (km/h)
Between Green Glade and Petrie Way	40	64
Between Orr Road and Green Glade	40	55

Orr Road	Posted Speed (km/h)	85th Percentile Speed (km/h)
Between Inverhouse Drive and Southdown Road	50	65
Between Meadow Wood Road and Clarkson Road South	50	63

The speed limit on Orr Road has been lowered to 40 km/h as part of the Neighbourhood Area Speed Limit Project.

Comments

Once candidates for the installation of physical traffic calming measures are identified, preliminary plans for the neighbourhood are 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:

- Meadow Wood Road – 67% of respondents were supportive of the proposed measures along Meadow Wood Road. These measures include a series of speed cushions and seasonal flexible bollards that will be installed between Lakeshore Road West and Orr Road.
- Orr Road - 63% of respondents were supportive of the proposed measures along Orr Road. These measures include a series of speed cushions that will be installed between Southdown Road and Meadow Wood Road.

In consultation with the local Ward Councillor, the decision was made to pursue the installation of physical traffic calming measures on Meadow Wood Road and Orr 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 estimated cost for the installation of physical traffic calming measures on Orr Road is \$53,000.00 and will be accommodated within Project E21199 Traffic Calming Program Ward 2.

The estimated cost for the installation of physical traffic calming measures on Meadow Wood Road is \$30,000.00 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 Councillor, for the implementation of physical traffic calming measures on Meadow Wood Road and Orr Road.

Attachments

Appendix 1: Location Map – Meadow Wood Road between Lakeshore Road West and Orr Road (Ward 2)

Appendix 2: Location Map – Orr Road between Southdown Road and Meadow Wood Road (Ward 2)



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

Prepared by: Khulud Sheeraz, C.E.T., Road Safety Technologist