

City of Mississauga Corporate Report



9.8

Date: September 21, 2021

To: Chair and Members of General Committee

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

Originator's files:

Meeting date:
October 6, 2021

Subject

Traffic Calming - 0576-2021.docx

Recommendation

1. That the report from the Commissioner of Transportation and Works, dated September 21, 2021 and entitled "Traffic Calming", be approved.
2. That the report from the Commissioner of Transportation and Works, dated September 21, 2021 and entitled "Traffic Calming" be referred to the Mississauga Traffic Safety Council, Cycling Advisory Committee and the Mississauga Road Safety Committee for information.

Executive Summary

- Queen Street West, Indian Road, Galesway Boulevard and Novo Star Drive are roadways that have been identified as locations which would benefit from the installation of traffic calming.
- Ward 2 Special Project funding is being utilized for the implementation of physical traffic calming on Queen Street West and Indian Road.
- The 2021 Traffic Calming Program Capital budget is being utilized for the implementation of physical traffic calming on Galesway Boulevard
- Ward 11 Special Project funding is being utilized for the implementation of physical traffic calming on Novo Star Drive.
- 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 2, 6 & 11 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 2 – Queen Street West between Lorne Park Road and Shawnmarr Road (Appendix 1)
- Ward 2 - Indian Road between Lorne Park Road and Lorne Wood Road (Appendix 2)
- Ward 6 – Galesway Boulevard between Whitehorn Avenue and Terry Fox Way (Appendix 3)
- Ward 11 – Novo Star Drive between Mavis Road and McLaughlin Road (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:

| Queen Street West | Posted Speed (km/h) | 85th Percentile Speed (km/h) |
|--|----------------------------|-------------------------------------|
| Between Chateau Court and Red Pine Crescent (west leg) | 40 | 53 |
| Between Red Pine Crescent (east leg) and Maramis Court | 40 | 57 |
| Between Red Pine Crescent and Red Pine Crescent | 40 | 57 |
| Between Sweetwater Crescent (west leg) and Raintree Lane | 40 | 51 |

| Indian Road | Posted Speed (km/h) | 85th Percentile Speed (km/h) |
|--|---------------------|------------------------------|
| Between Narva Road and Lorne Park Road | 30 | 61 |

| Galesway Boulevard | Posted Speed (km/h) | 85th Percentile Speed (km/h) |
|---|---------------------|------------------------------|
| Between Cabrera crescent (east leg) and Candlebrook Court | 40 | 59 |
| Between Stonebriar Crescent and Gant Crescent | 40 | 65 |
| Between Gant Crescent and Ajax Gate/Ridgecrest Trail | 40 | 64 |

| Novo Star Drive | Posted Speed (km/h) | 85th Percentile Speed (km/h) |
|--|---------------------|------------------------------|
| Between Dolly Bird Lane/Valiant Heights and Vicar Gate | 30 | 56 |
| Between Amour Terrace and Vicar Gate | 30 | 49 |
| Between Amour Terrace and McLaughlin Road | 30 | 47 |

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:

- Queen Street West – 70% of respondents were supportive of the proposed measures along Queen Street West. These measures include a series of split speed humps that will be installed between Lorne Park Road and Shawnmarr Road.
- Indian Road – Due to the limited area proposed for traffic calming, feedback provided by the local community association, and consultation with the Ward 2 Councillor, virtual public engagement consultation was not held for this project; however all directly affected residents were notified by mail. Staff mailed notices to the residents of Indian Road between Lorne Park Road and Lorne Wood Road and the Principal of Lorne Park Public School with detailed information regarding the proposed traffic calming project.
- Galesway Boulevard - 78% of respondents were supportive of the proposed measures along Galesway Boulevard. These measures include a series of speed cushions that will be installed between Terry Fox Way and Whitehorn Avenue.
- Novo Star Drive – 74% of respondents were supportive of the proposed measures along Novo Star Drive. These measures include a series of speed cushions that will be installed between Mavis Road and McLaughlin Road.

In consultation with the local Ward Councillors, the decision was made to pursue the installation of physical traffic calming measures on Queen Street West, Indian Road, Galesway Boulevard and Novo Star Drive.

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:

| Project | Estimate | PN# |
|-------------------|----------|--------|
| Queen Street West | \$60,000 | E21199 |
| Indian Road | \$25,000 | F21199 |
| Novo Star Drive | \$30,000 | C21199 |

The estimated cost for the installation of physical traffic calming measures on Galesway Boulevard is \$40,000 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 Queen Street West, Indian Road, Galesway Boulevard, and Novo Star Drive.

Attachments

Appendix 1: Location Map – Queen Street West between Lorne Park Road and Shawnmarr Road (Ward 2)

Appendix 2: Location Map – Indian Road between Lorne Park Road and Lorne Wood Road (Ward 2)

Appendix 3: Location Map – Galesway Boulevard between Whitehorn Avenue and Terry Fox Way (Ward 6)

Appendix 4: Location Map – Novo Star Drive between Mavis Road and McLaughlin Road (Ward 11)



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

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