

Service Impact

These enhancements will increase the level of road safety, encourage more active travel, and improve community and neighbourhood safety. The proposed enhancements will be installed in accordance with guidelines outlined in Ontario Traffic Manuals from the Ontario Traffic Council. APSs advise pedestrians who are visually impaired as to when they have the right of way. PCSs provide a numeric countdown display that indicates the number of seconds remaining for pedestrians to complete their crossings. Reflective backboards are part of the signal heads and are equipped with retroreflective borders that are more visible in both daytime and nighttime conditions than standard backboards (particularly for older and colour-blind drivers) and increase safety at the intersection. Where a multi-use trail crosses the road, a cross-ride will be introduced with bicycle signals that will allow cyclists to cross the road without having to dismount. Enhanced pavement markings will include ladder crosswalk markings to enhance the delineation of the pedestrian crosswalk and coloured pavement within bicycle lanes to increase the visibility of the facility and identify potential areas of conflict.

BR #10810 – Implementation of Expanded Speed Mitigation Measures

Description of Budget Request

This multi-year BR seeks four permanent FTEs (three in 2025 and one in 2026) and materials to implement expanded speed mitigation measures. Roads receives a high number of complaints from councillors and residents about speeding on neighbourhood roadways and demand for neighbourhood speed management countermeasures continues to increase each year. The expansion of these measures is needed to achieve operating speeds suitable for the posted speed limit.

Why Staff Recommend this Initiative

As part of the 2020 Budget, Council approved a program to implement 40 km/h Neighbourhood Area Speed Zones and 30 km/h School Zones within neighbourhoods. The implementation of these lower speed limits was completed in 2022. Mississauga residents and members of Council have expressed interest in additional speed management measures to address speeding concerns. Additional resources are required to address the increase in known speeding concerns due to citywide lower speed limits.

Details of Service Change

Lower speed limits within neighbourhoods have increased the number of roadways where operating speeds are significantly higher than the newly posted speed limit. Both passive traffic calming (pavement markings, speed awareness devices) and physical traffic calming (speed cushions, raised crosswalks) are currently being used to address known speeding concerns. The further expansion of neighbourhood speed management techniques will help reduce vehicle operating speeds on the city's roadways. Implementing a robust Speed Mitigation Program is consistent with the best practices of similar municipalities. Expanded speed mitigation measures include: