

Speed Limit Reduction – Homeview Avenue, White Avenue and Pritchard Avenue

Date: November 27, 2018
To: Etobicoke York Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 5 – York South-Weston

SUMMARY

This staff report is about a matter that Etobicoke York Community Council has delegated authority from City Council to make a final decision.

This report outlines our investigation to reduce the speed limits on Homeview Avenue, White Avenue and Pritchard Avenue from 50 km/h to 30 km/h, between Jane Street and Florence Crescent. The results of the analysis indicate that the criteria to reduce the speed limits down to 30 km/h were not satisfied.

RECOMMENDATIONS

The Acting Director, Traffic Management, Transportation Services recommends that:

1. Etobicoke York Community Council NOT authorize a speed limit reduction from 50 km/h to 30 km/h on Homeview Avenue, between Jane Street and Florence Crescent.
2. Etobicoke York Community Council NOT authorize a speed limit reduction from 50 km/h to 30 km/h on White Avenue, between Jane Street and Florence Crescent.
3. Etobicoke York Community Council NOT authorize a speed limit reduction from 50 km/h to 30 km/h on Pritchard Avenue, between Jane Street and Florence Crescent.

FINANCIAL IMPACT

Adopting the above-noted recommendations does not result in any financial impact; however, if Etobicoke York Community Council decides to approve reducing the speed limit on the above mentioned streets, the following financial impact will result:

1. The estimated cost for installing the necessary signs on Homeview Avenue, White Avenue and Pritchard Avenue will be \$1500.00. The funds are available in the Transportation Services 2019 interim Operating Budget, subject to competing priorities and funding availability.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

The Ward Councillor, on behalf of area residents, contacted Transportation Services staff to investigate speeding concerns on Homeview Avenue, White Avenue and Pritchard Avenue, between Jane Street and Florence Crescent. Speed studies were conducted in the area and the results of these studies were applied to the City's 30 km/h Speed Limit Warrant. A map of the area is Attachment 4.

Homeview Avenue, White Avenue and Pritchard Avenue, between Jane Street and Florence Crescent are two-lane roadways classified in the City's Road Classification System as "Local" roads. The statutory speed limit on these streets is 50 km/h and sidewalks are located on both sides of all three streets. These streets are located in the residential community west of Jane Street and north of St. Clair Avenue West.

Study data was applied to the City of Toronto's 30 km/h Speed Limit Warrant which revealed that a 30 km/h speed limit is not warranted on the subject streets. Details of our 30 km/h Speed Limit Warrant analysis are included in Attachments 1 to 3. The results of the speed studies are summarized in the following table:

Study Location	Speed Ranges – km/h					*85th Percentile	24 Hr Total
	1-40	41-50	51-55	56-60	>60		
Homeview Avenue	330	89	8	4	0	43 km/h	431
White Avenue	178	16	3	2	0	39 km/h	199
Pritchard Avenue	81	10	0	0	0	39 km/h	91

*The 85th percentile speed is the vehicle operating speed at or below which 85 percent of all traffic is moving. Studies show that collision rates are lowest at or around the 85th percentile speed.

Based on our assessment, Homeview Avenue, White Avenue and Pritchard Avenue, between Jane Street and Florence Crescent do not satisfy the technical requirements, specifically in: Warrant C – School and Cycling Environment and Warrant D - Pedestrian and Traffic Environment.

Furthermore, our records indicate that in the last three years, period ending December 31, 2017, there have been no reported collisions in any of the subject streets where vehicle speed was identified as a factor.

CONTACT

Geena Yadav
Engineering Technologist - Etobicoke York District
Tel: 416-394-5426
Fax: 416-394-8942
E-Mail: Geena.Yadav@toronto.ca
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Roger Browne, M.A. Sc., P. Eng.
Acting Director, Traffic Management
Transportation Services

ATTACHMENTS

Attachment 1: Homeview Avenue - 30 km/h Speed Limit Warrant
Attachment 2: White Avenue - 30 km/h Speed Limit Warrant
Attachment 3: Pritchard Avenue - 30 km/h Speed Limit Warrant
Attachment 4: Location Plan (Speed Limit Reduction - Homeview Avenue, White Avenue and Pritchard Avenue)

Attachment 1 - 30 km/h Speed Limit Warrant

Homeview Avenue between Jane Street and Florence Crescent

Warrant "A" – Petition	Requested by Ward Councillor
Consideration of 30 km/h speed limit on a street upon receipt of a petition signed by at least 25% of affected households (or 10% in the case of multiple family rental dwellings).	
Warrants "B", "C", and "D" will not be considered until Warrant "A" is satisfied.	

ROAD ENVIRONMENT

Warrant "B" – ALL of the following criteria must be met	
Local or Collector road	Yes
Pavement width less or equal to 8.5 metres	Yes
Operating speed (85th percentile) no greater than 50km/h	Yes – 43 km/h
Maximum traffic volume Local & Collector – less than 8,000 vehicles/day	Yes – 431

SCHOOL AND CYCLING ENVIRONMENT

Warrant "C" – At least ONE of the following criteria must be met	
Elementary or junior high school abuts the road – (The 30 km/h maximum speed limit must extend at a minimum 150 metres beyond the boundary of school property and can be extended to include full road section)	No
Improved parkland abuts the road that is contiguous to and used to gain access to an elementary or junior high school – (The 30 km/h maximum speed limit must extend at a minimum 15 metres beyond the boundary of the parkland and can be extended to include full road section)	No
Presence of cycling facilities identified by means of a contra-flow bicycle lane, mid-block sharrows or signed bicycle route	No

PEDESTRIAN AND TRAFFIC ENVIRONMENT

Warrant "D" – At least THREE of the following criteria must be met	
Absence of continuous sidewalk on both sides of the road or major portion of the road	No
'Significant parking activity' that results in cars being parked most of the time on both sides of the road or parked on one side, and the pavement width is less than 6.5 metres	No
2 or more curves in short distance from each other (<200 metres) with safe operating speed less than 30 km/h	No
Lack of sufficient safe stopping distance (65 metres) based on the operating speed of 40 km/h at two or more locations	No

OVERALL WARRANT SUMMARY

Warrants "B" and "C" met or "B" and "D" met	No
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Attachment 2 - 30 km/h Speed Limit Warrant

White Avenue between Jane Street and Florence Crescent

Warrant "A" – Petition	Requested by Ward Councillor
Consideration of 30 km/h speed limit on a street upon receipt of a petition signed by at least 25% of affected households (or 10% in the case of multiple family rental dwellings).	
Warrants "B", "C", and "D" will not be considered until Warrant "A" is satisfied.	

ROAD ENVIRONMENT

Warrant "B" – ALL of the following criteria must be met	
Local or Collector road	Yes
Pavement width less or equal to 8.5 metres	Yes
Operating speed (85th percentile) no greater than 50km/h	Yes – 39 km/h
Maximum traffic volume Local & Collector – less than 8,000 vehicles/day	Yes – 199

SCHOOL AND CYCLING ENVIRONMENT

Warrant "C" – At least ONE of the following criteria must be met	
Elementary or junior high school abuts the road – (The 30 km/h maximum speed limit must extend at a minimum 150 metres beyond the boundary of school property and can be extended to include full road section)	No
Improved parkland abuts the road that is contiguous to and used to gain access to an elementary or junior high school – (The 30 km/h maximum speed limit must extend at a minimum 15 metres beyond the boundary of the parkland and can be extended to include full road section)	No
Presence of cycling facilities identified by means of a contra-flow bicycle lane, mid-block sharrows or signed bicycle route	No

PEDESTRIAN AND TRAFFIC ENVIRONMENT

Warrant "D" – At least THREE of the following criteria must be met	
Absence of continuous sidewalk on both sides of the road or major portion of the road	No
'Significant parking activity' that results in cars being parked most of the time on both sides of the road or parked on one side, and the pavement width is less than 6.5 metres	No
2 or more curves in short distance from each other (<200 metres) with safe operating speed less than 30 km/h	No
Lack of sufficient safe stopping distance (65 metres) based on the operating speed of 40 km/h at two or more locations	No

OVERALL WARRANT SUMMARY

Warrants "B" and "C" met or "B" and "D" met	No
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Attachment 3 - 30 km/h Speed Limit Warrant

Pritchard Avenue between Jane Street and Florence Crescent

Warrant "A" – Petition	Requested by Ward Councillor
Consideration of 30 km/h speed limit on a street upon receipt of a petition signed by at least 25% of affected households (or 10% in the case of multiple family rental dwellings).	
Warrants "B", "C", and "D" will not be considered until Warrant "A" is satisfied.	

ROAD ENVIRONMENT

Warrant "B" – ALL of the following criteria must be met	
Local or Collector road	Yes
Pavement width less or equal to 8.5 metres	Yes
Operating speed (85th percentile) no greater than 50km/h	Yes – 39 km/h
Maximum traffic volume Local & Collector – less than 8,000 vehicles/day	Yes – 91

SCHOOL AND CYCLING ENVIRONMENT

Warrant "C" – At least ONE of the following criteria must be met	
Elementary or junior high school abuts the road – (The 30 km/h maximum speed limit must extend at a minimum 150 metres beyond the boundary of school property and can be extended to include full road section)	No
Improved parkland abuts the road that is contiguous to and used to gain access to an elementary or junior high school – (The 30 km/h maximum speed limit must extend at a minimum 15 metres beyond the boundary of the parkland and can be extended to include full road section)	No
Presence of cycling facilities identified by means of a contra-flow bicycle lane, mid-block sharrows or signed bicycle route	No

PEDESTRIAN AND TRAFFIC ENVIRONMENT

Warrant "D" – At least THREE of the following criteria must be met	
Absence of continuous sidewalk on both sides of the road or major portion of the road	No
'Significant parking activity' that results in cars being parked most of the time on both sides of the road or parked on one side, and the pavement width is less than 6.5 metres	No
2 or more curves in short distance from each other (<200 metres) with safe operating speed less than 30 km/h	No
Lack of sufficient safe stopping distance (65 metres) based on the operating speed of 40 km/h at two or more locations	No

OVERALL WARRANT SUMMARY

Warrants "B" and "C" met or "B" and "D" met	No
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Attachment 4 - Location Plan (Homeview Avenue, White Avenue & Pritchard Avenue)

