

**Minutes – Standing Policy Committee on Infrastructure Renewal and Public Works –
May 19, 2020**

REPORTS

**Item No. 25 Traffic Counts – Kingsford Avenue and Hawthorne Avenue
(North Kildonan Ward)**

STANDING COMMITTEE DECISION:

The Standing Policy Committee on Infrastructure Renewal and Public Works concurred in the recommendation of the Winnipeg Public Service and received the report as information.

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DECISION MAKING HISTORY:

Moved by Councillor Browaty,

That the recommendation of the Winnipeg Public Service be concurred in.

Carried

STANDING COMMITTEE RECOMMENDATION:

On September 12, 2019, the Standing Policy Committee on Infrastructure Renewal and Public Works concurred in the recommendation of the East Kildonan-Transcona Community Committee and directed the Winnipeg Public Service to report back on the matter within 240 days.

COMMUNITY COMMITTEE RECOMMENDATION:

On July 9, 2019, the East Kildonan-Transcona Community Committee passed the following motion:

BE IT RESOLVED that the Standing Policy Committee on Infrastructure Renewal and Public Works direct the Winnipeg Public Service to conduct traffic counts on Kingsford Avenue and Hawthorne Avenue, between Roch Street and Rothesay Street, during the schoolyear, in order to observe traffic volumes.

ADMINISTRATIVE REPORT

Title: Traffic Counts – Kingsford Avenue and Hawthorne Avenue (North Kildonan Ward)

Critical Path: Standing Policy Committee on Infrastructure Renewal and Public Works

AUTHORIZATION

Author	Department Head	CFO	CAO
D. Patman, P. Eng	J. Berezowsky	N/A	M. Ruta, Interim CAO

EXECUTIVE SUMMARY

Traffic volume and speed data were collected on Kingsford Avenue and Hawthorne Avenue between Roch Street and Rothesay Street in November 2019. The speed data indicates there is good compliance with the 30 km/h reduced speed school zone (RSSZ) limit, and good compliance outside of school zone hours when a 50 km/h speed limit applies. The 85th percentile speed is 30 km/h to 33 km/h during the reduced speed school zone hours, and 36 km/h to 41 km/h outside of the reduced speed school zone. Average weekday daily traffic volumes range from 380 vehicles per day to 494 vehicles per day. Similar local residential streets in Winnipeg accommodate up to 1,000 vehicles per day. Based on this data, no concerns associated with traffic speeds and volumes on Kingsford Avenue and Hawthorne Avenue are identified at this time.

RECOMMENDATIONS

1. That this report be received as information.

REASON FOR THE REPORT

On September 12, 2019 the Standing Policy Committee on Infrastructure Renewal and Public Works concurred with the recommendation of the East Kildonan-Transcona Community Committee and directed the Winnipeg Public Service to conduct traffic counts on Kingsford Avenue and Hawthorne Avenue, between Roch Street and Rothesay Street, during the schoolyear, in order to observe traffic volumes, and report back to the Standing Committee in 240 days.

IMPLICATIONS OF THE RECOMMENDATIONS

There are no implications as the report is to be received as information.

HISTORY/DISCUSSION

Hawthorne Avenue and Kingsford Avenue are local residential streets with 7.5 metre cross sections. Parking is permitted on the north sides of both streets. Princess Margaret School is located on this block of Kingsford Avenue and Hawthorne Street, between Roch Street and

Rothesay Street. The front door to the school is off of Hawthorne Avenue and parking lot access is off of Kingsford Avenue.

Figure 1 illustrates the study area. There are 30 km/h RSSZs on Kingsford Avenue and Hawthorne Avenue, which extend from Rothesay Street to approximately 10 metres west of the school's west property line. In the RSSZs, a 30 km/h speed limit applies from September to June inclusive, between the hours of 7:00 am and 5:30 pm. Traffic speeds and volumes were collected at four locations between November 5 and November 7, 2019, as shown in Figure 1.



Figure 1: Study Area

Speed data are summarized in Figure 2 and Figure 3 for each data collection location. The 85th percentile speed represents the speed at which 85 percent of traffic travels at or below. During the period when a 30 km/h speed limit is in effect, the 85th percentile speed is 33 km/h on Hawthorne Avenue and 30 km/h on Kingsford Avenue, indicating good compliance. When a 50 km/h speed limit is in effect, the 85th percentile ranges between 39 km/h and 41 km/h on Hawthorne Avenue, and between 36 km/h and 39 km/h on Kingsford Avenue. Operating speeds are well below the 50 km/h speed limit.

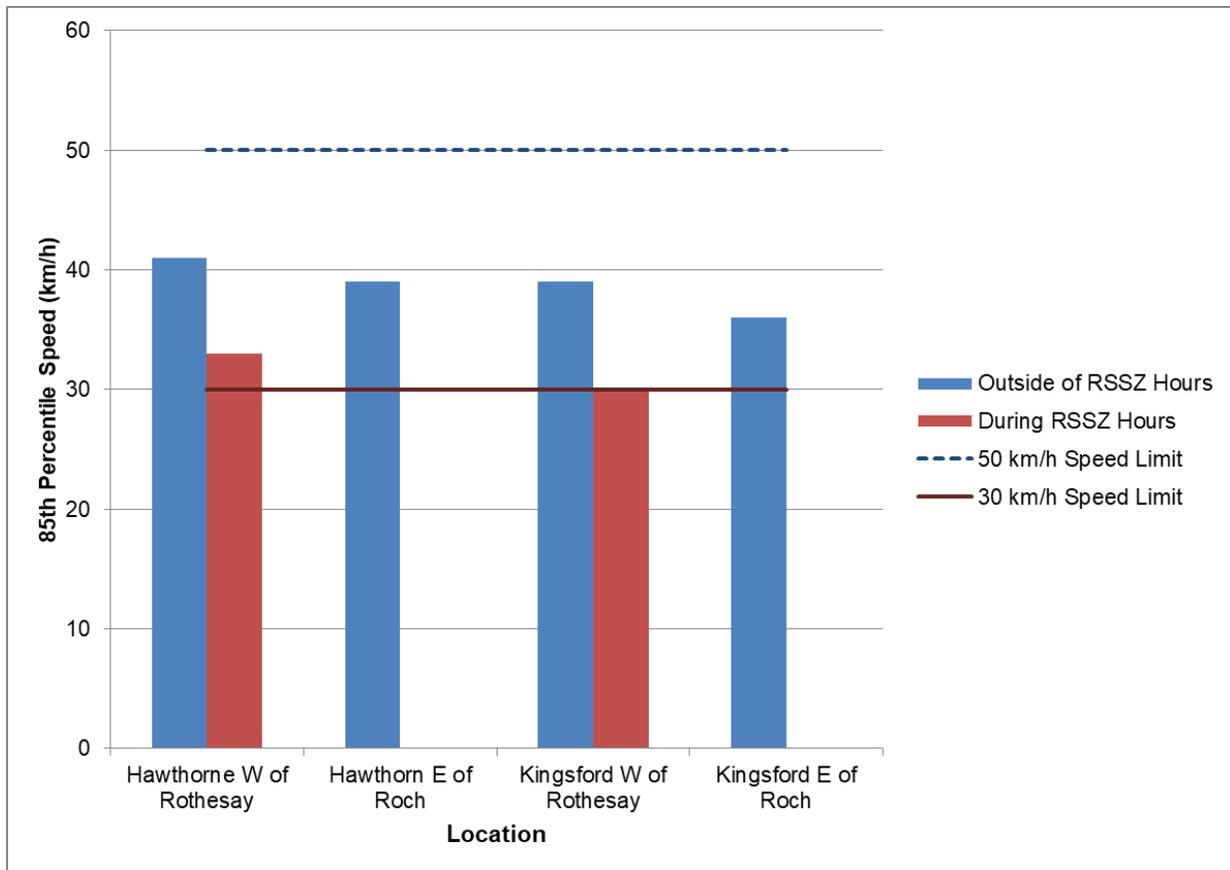


Figure 2: Speed Data

Table 1: Speed Data

Count Location	85 th Percentile Speed – During RSSZ hours when a 30 km/h speed limit applies	85 th Percentile Speed – Outside of RSSZ hours when a 50 km/h speed limit applies
Hawthorne Avenue west of Rothesay Street	33 km/h	41 km/h
Hawthorne Avenue east of Roch Street	Not applicable.	39 km/h
Kingsford Avenue west of Rothesay Street	30 km/h	39 km/h
Kingsford Avenue east of Roch Street	Not applicable.	36 km/h

Traffic volume data are summarized in Table 2 for each data collection location. The average weekday daily traffic volume on Hawthorne Avenue is around 400 vehicles per day, and the average weekday daily traffic volume on Kingsford Avenue is closer to 500 vehicles per day. Similar local residential streets in Winnipeg accommodate up to 1,000 vehicles per day. Peak period directional volumes are also shown in Table 2.

Table 2: Volume Data

Count Location	Average Weekday Daily Traffic Volume	AM Peak Period Traffic Volume (7:00 AM – 9:00 AM)		PM Peak Period Traffic Volume (3:30 PM – 5:30 PM)	
		<i>Eastbound</i>	<i>Westbound</i>	<i>Eastbound</i>	<i>Westbound</i>
Hawthorne Avenue west of Rothesay Street	380 vehicles per day	10	39	18	42
Hawthorne Avenue east of Roch Street	402 vehicles per day	10	40	24	55
Kingsford Avenue west of Rothesay Street	486 vehicles per day	6	66	32	22
Kingsford Avenue east of Roch Street	494 vehicles per day	10	71	28	45

FINANCIAL IMPACT

Financial Impact Statement Date: April 8, 2020

Project Name:

Traffic Counts – Kingsford Avenue and Hawthorne Avenue (North Kildonan Ward)

COMMENTS:

There is no financial impact associated with the recommendation of this report.

"Original signed by J. Peters, CPA, CGA"

J. Peters CPA, CGA

Acting Manager of Finance & Administration

CONSULTATION

This Report has been prepared in consultation with: N/A

OURWINNIPEG POLICY ALIGNMENT

The Sustainable Transportation Direction Strategy developed as part of OurWinnipeg forms the policy framework for the Transportation Master Plan (TMP). Sustainable Transportation identified a vision and five Key Strategic Goals which are critical to achieving a balanced and sustainable transportation system for Winnipeg. These goals form the basis for the TMP and the directions and strategies contained within it:

1. A transportation system that is dynamically integrated with land use;
2. A transportation system that supports active, accessible and healthy lifestyle options;
3. A safe, efficient and equitable transportation system for people, goods and services;
4. Transportation infrastructure that is well maintained
5. A transportation system that is financially sustainable

The recommendations within this report are consistent with the Key Strategic Goals.

WINNIPEG CLIMATE ACTION PLAN ALIGNMENT

N/A

SUBMITTED BY

Department: Public Works

Division: Transportation

Prepared by: R. Peterniak, M.Sc., P.Eng., RSP₁, Community Traffic Engineer

Date: April 8, 2020