

**Agenda – Standing Policy Committee on Infrastructure Renewal and Public Works –
February 27, 2018**

REPORTS

**Item No. 14 Traffic Study – Lee Boulevard and Waverley Street
(South Winnipeg - St. Norbert Ward)**

WINNIPEG PUBLIC SERVICE RECOMMENDATION:

1. That this report be received as information.

**Agenda – Standing Policy Committee on Infrastructure Renewal and Public Works –
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DECISION MAKING HISTORY:

STANDING COMMITTEE RECOMMENDATION:

On October 4, 2017, the Standing Policy Committee on Infrastructure Renewal and Public Works concurred in the recommendation of the Riel Community Committee and directed the Winnipeg Public Service to conduct a traffic study along the length of Lee Boulevard to Waverley Street to investigate suitable traffic calming devices and if controlled intersections are warranted, and report back to its meeting in March 2018.

COMMUNITY COMMITTEE RECOMMENDATION:

On September 11, 2017, the Riel Community Committee passed the following motion:

WHEREAS in the past 4 years, over 400 units of multifamily development have been constructed alongside Lee Boulevard;

AND WHEREAS Southeast Collegiate is expanding, and traffic from Waverley Street is using Lee Boulevard as a cut through to Pembina Highway;

AND WHEREAS these new developments are impacting the volume, speed and flow of traffic;

THEREFORE BE IT RESOLVED that the Standing Policy Committee on Infrastructure Renewal and Public Works request the Winnipeg Public Service to conduct a traffic study along the length of Lee Boulevard to Waverley Street, to investigate suitable traffic calming devices and if controlled intersections are warranted.

ADMINISTRATIVE REPORT

Title: Traffic Study – Lee Boulevard and Waverley Street

Critical Path: Standing Committee on Infrastructure Renewal and Public Works

AUTHORIZATION

Author	Department Head	CFO	CAO
B. Neirinck, P. Eng. Acting Manager of Transportation	J. Berezowsky Acting Director of Public Works	N/A	D. McNeil

EXECUTIVE SUMMARY

Lee Boulevard is a local residential street from Shore Street to Barnes Street. At Barnes Street, Lee Boulevard becomes a collector street to Waverley Street. A traffic study completed in October, 2017 did not indicate volume or speed problems on the residential section of Lee Boulevard. However, it did indicate that the collector section is a candidate for speed table installation. At this time, Public Works does not have an approved Technical Guideline for speed tables on collector streets. Once the Technical Guideline is approved, the Ward Councillor will be contacted to pursue next steps.

RECOMMENDATIONS

1. That this report be received as information.

REASON FOR THE REPORT

At the October 4, 2017 meeting of the Standing Policy Committee on Infrastructure Renewal and Public Works, the committee directed the Public Service to conduct a traffic study along the length of Lee Boulevard from Shore Street to Waverley Street to investigate suitable traffic calming devices and if controlled intersections are warranted.

IMPLICATIONS OF THE RECOMMENDATIONS

There are no financial implications as a result of this report.

HISTORY/DISCUSSION

Lee Boulevard is a local residential street from Shore Street to Barnes Street. At Barnes Street, Lee Boulevard becomes a collector street to Waverley Street. The residential portion of Lee Boulevard is a 7.5 metre wide, concrete roadway, with no sidewalks. The collector portion of

Lee Boulevard (from Barnes Street to Waverley Street) is a 10.5 metre wide concrete roadway with a sidewalk constructed along the south side.

The intersection of Barnes Street and Lee Boulevard is all-way stop controlled. There are no other all-way stop controlled intersections on Lee Boulevard.

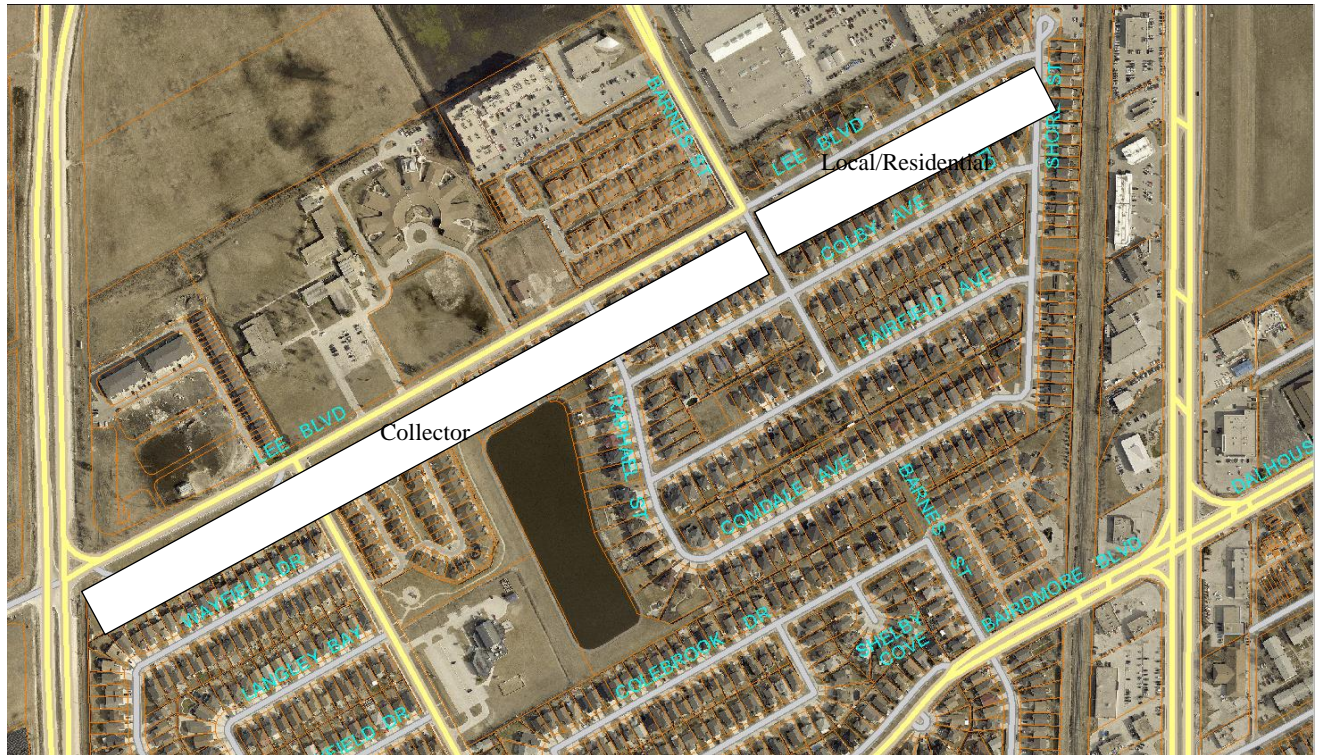


Diagram 1: Lee Boulevard, photo courtesy of iView.

A traffic study was conducted in October, 2017 on Lee Boulevard, below are the results of the study:

Location	24-Hour Volume (in vehicles)	Average Speed (km/h)	% of Vehicles Travelling \geq 55 km/h	% of Vehicles Travelling \geq 60 km/h
Waverley Street to Keslar Street	4475	48	25.9	8.6
Keslar Street to Raphael Street	4960	47	25.6	11.1
Raphael Street to Barnes Street	4633	42	7.3	1.7
Barnes Street to Shore Street	917	37	4.8	1.1

Table 1: Traffic Study Results

Potential for traffic calming is best identified by average speed, as well as the percentage of vehicles exceeding the speed limit. The results of the Lee Boulevard speed study indicate that speeding is a problem on Lee Boulevard from Waverley Street to Raphael Street. At present, Public Works does not have an approved Technical Guideline for the installation of speed tables on collector streets. When the Technical Guideline for such is approved, the Ward Councillor will be contacted to discuss next steps in speed table installation.

While speed has been identified as a concern, the volume of vehicles is typical of a collector street. Further study would be needed to assess if an all-way stop control is needed at Keslar Street and Lee Boulevard. Results from the current study and the collision history do not show that this intersection requires all-way stop control. Due to the short study time from disposition to submission, a study of volume on Keslar Street has not yet been conducted.

FINANCIAL IMPACT

Financial Impact Statement

Date: January 18, 2018

Project Name:

Traffic Study – Lee Boulevard and Waverley Street

COMMENTS:

There are no financial implications as a result of this report.

"Original signed by J. Ruby, CPA, CA"
J. Ruby CPA, CA
Manager of Finance & Administration

CONSULTATION

This Report has been prepared in consultation with: n/a

OURWINNIPEG POLICY ALIGNMENT

The recommendation of this report is aligned with the Transportation Master Plan key strategic goal Number 3: To provide a safe, efficient and equitable transportation system for people, goods and services.

SUBMITTED BY

Department: Public Works
Division: Transportation
Prepared by: C. Flather, P. Eng., M.Sc., Community Traffic Engineer
Date: January 17, 2018