

**Agenda – Standing Policy Committee on Infrastructure Renewal and Public Works –  
November 10, 2020**

**REPORTS**

**Item No. 9                      Review of Motor Vehicle Noise Policies**

**WINNIPEG PUBLIC SERVICE RECOMMENDATION:**

1.        That this report be received as information.

**Agenda – Standing Policy Committee on Infrastructure Renewal and Public Works –  
November 10, 2020**

DECISION MAKING HISTORY:

STANDING COMMITTEE RECOMMENDATION:

On October 15, 2020, the Standing Policy Committee on Infrastructure Renewal and Public Works granted an extension of time of 30 days for the Winnipeg Public Service to report back on the results of the review and update to the City of Winnipeg's Motor Vehicle Noise Policies and Guidelines.

On September 12, 2019, the Standing Policy Committee on Infrastructure Renewal and Public Works directed the Winnipeg Public Service to:

1. Explore a partnership with universities and colleges to review and update the City of Winnipeg's Motor Vehicle Noise Policies and Guidelines.
2. Provide quarterly verbal updates to the Standing Committee.
3. Report back within 365 days with the results of the review.

COMMUNITY COMMITTEE RECOMMENDATION:

On July 2, 2019, the Assiniboia Community Committee passed the following motion:

WHEREAS according to the United Nations, 54 per cent of the world's population today lives in urban areas, a proportion that is expected to increase to 66 per cent by 2050;

AND WHEREAS urbanization, economic growth and motorized transport are some of the driving forces for environmental noise exposure and health effects;

AND WHEREAS according to the Conference Board of Canada, Winnipeg's growth is expected to reach 1 million residents by 2040;

AND WHEREAS a recent World Health Organization on noise pollution concludes noise is "not only an environmental nuisance but also a threat to public health";

AND WHEREAS the most current City of Winnipeg Motor Vehicles Noise and Policy Guidelines is 35 years old;

**Agenda – Standing Policy Committee on Infrastructure Renewal and Public Works –  
November 10, 2020**

DECISION MAKING HISTORY (continued):

COMMUNITY COMMITTEE RECOMMENDATION (continued):

AND WHEREAS the Public Service is currently conducting a sound study for effective measurement of noise levels and photo noise enforcement;

THEREFORE BE IT RESOLVED that the Standing Policy Committee on Infrastructure Renewal and Public Works be requested to direct the Winnipeg Public Service to conduct a cross-jurisdictional review of motor vehicles noise policies and guidelines and conduct a comprehensive update of the City of Winnipeg’s Motor Vehicle Noise Policies and Guidelines.

## ADMINISTRATIVE REPORT

**Title:** Motor Vehicle Noise Policies and Guidelines

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

### AUTHORIZATION

| Author        | Department Head | CFO | CAO                     |
|---------------|-----------------|-----|-------------------------|
| C. Desjardine | J. Berezowsky   | N/A | M. Ruta,<br>Interim CAO |

### EXECUTIVE SUMMARY

The Winnipeg Public Service will partner with the University of Manitoba (U of M) to study noise impacts. The Proposed work plan is for a data-driven approach for examining the multi-faceted nature of noise impacts. The approach, which aligns with Smart Cities initiatives, will guide urban land use and transportation planning, roadway design, and policymaking that mitigate noise impacts caused by ground transportation. Based on the findings of the study, the Winnipeg Public Service will update the City's Motor Vehicle Noise Policies and Guidelines

The cost of the study is still being determined but is anticipated to be approximately \$100,000. The U of M has submitted a grant application to The Natural Sciences and Engineering Research Council of Canada (NSERC) to support the full cost of this project. If the U of M is not successful in obtaining the grant funding, the Winnipeg Public Service would need to defer the study until funding is available.

The study and updates to the City's Motor Vehicle Noise Policies and Guidelines will take 3 years to complete.

### 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 directed the Winnipeg Public Service to:

1. Explore a partnership with universities and colleges to review and update the City of Winnipeg's Motor Vehicle Noise Policies and Guidelines.
2. Provide quarterly verbal updates to the Standing Committee.
3. Report back within 365 days with the results of the review.

On October 15, 2020, The Standing Policy Committee on Infrastructure Renewal and Public Works granted an extension of time of 30 days for the Winnipeg Public Service to report back on the results of the review and update to the City of Winnipeg's Motor Vehicle Noise Policies and Guidelines.

## IMPLICATIONS OF THE RECOMMENDATIONS

The Winnipeg Public Service will partner with the University of Manitoba to study noise impacts. Based on the findings of the study, the Winnipeg Public Service will update the City's Noise Policies and Guidelines.

The U of M has submitted a grant application to The Natural Sciences and Engineering Research Council of Canada (NSERC) to support the full cost of this project. If the U of M is not successful in obtaining the funding, the study would be deferred until funding is available.

## HISTORY/DISCUSSION

On July 2, 2019, The Assiniboia Community Committee recommended to the Standing Policy Committee on Infrastructure Renewal and Public Works that the Winnipeg Public Service be directed to conduct a cross-jurisdictional review of motor vehicles noise policies and guidelines and conduct a comprehensive update of the City of Winnipeg's Motor Vehicles Noise Policies and Guidelines.

On September 12, 2019, the Standing Policy Committee on Infrastructure Renewal and Public Works directed the Winnipeg Public Service to:

1. Explore a partnership with universities and colleges to review and update the City of Winnipeg's Motor Vehicle Noise Policies and Guidelines.
2. Provide quarterly verbal updates to the Standing Committee.
3. Report back within 365 days with the results of the review.

The last update to the City's Motor Vehicle Noise Policies and Guidelines was on October 11, 1984 (see attachment A).

The Winnipeg Public Service will partner with the U of M to study noise impacts. The Proposed work plan (see attachment B) is for a data-driven approach for examining the multi-faceted nature of noise impacts. The approach, which aligns with Smart Cities initiatives, will guide urban land use and transportation planning, roadway design, and policymaking that mitigate noise impacts caused by ground transportation. Based on the findings of the study, the Winnipeg Public Service will update the City's Motor Vehicle Noise Policies and Guidelines.

The program is intended to be a comprehensive study with the following objectives:

- review of published literature
- establish/confirm data collecting noise process
- assess the effectiveness of existing noise attenuation
- conceptual design of a program for real-time monitoring and dissemination of transportation related noise data.
- develop an updated version of its *Motor Vehicle Noise Policies and Guidelines*.

The cost of the study is still being determined but is anticipated to be approximately \$100,000. The U of M has submitted a grant application to The Natural Sciences and Engineering Research Council of Canada (NSERC) to support the full cost of this project. The City will provide the U of M with city collected data, project management oversight, review of consultant content, and additional support as required using existing staff and resources. The study will be conducted with no additional cost to the City.

If the U of M is not successful in obtaining the grant funding, the Winnipeg Public Service would need to defer the study until funding is available.

The study and updates to the City's Motor Vehicles Policies and Guidelines will take 3 years to complete. Quarterly verbal updates will be provided to the Standing Policy Committee. Once the study is complete, the Winnipeg Public Service will provide a report to the Standing Policy Committee on Infrastructure Renewal and Public Works with a copy of the updated Motor Vehicle Noise Policies and Guidelines as information to advise of any changes.

|                         |
|-------------------------|
| <b>FINANCIAL IMPACT</b> |
|-------------------------|

**Financial Impact Statement** Date: [October 21, 2020](#)

---

**Project Name:**

**Motor Vehicle Noise Policies and Guidelines**

**COMMENTS:**

There are no financial impacts associated with the recommendations of this report.

The report is recommending the City partner with the The University of Manitoba (U of M) to study noise impacts. The U of M has submitted a grant application to The Natural Sciences and Engineering Research Council of Canada to cover the cost of the study. The City will provide support to the University throughout the study period using existing staff and resources, with no additional cost to the City.

"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**

This report is aligned with the key strategic goal of a safe, efficient, and equitable transportation system for people, goods and services in the Sustainable Transportation Direction Strategy that supports OurWinnipeg.

## **WINNIPEG CLIMATE ACTION PLAN ALIGNMENT**

N/A

## **SUBMITTED BY**

Department: Public Works  
Division: Transportation  
Prepared by: D. Patman  
Date: October 22, 2020

### Attachments:

Attachment A: City's Motor Vehicle Noise Policies and Guidelines – October 11, 1984

Attachment B: University of Manitoba – Proposed Work Plan