

REPORT

Engineering Services

To: Mayor Johnstone and Members of Council
Date: September 11, 2023

From: Lisa Leblanc
Director of Engineering Services
File: 05.1035.10
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Item #: [Report Number]

Subject: **Application for Grant Funding to the 2023 UBCM Asset Management Planning Program**

RECOMMENDATION

THAT Council approves the submission of a grant application for the Pavement Condition Assessment & Condition Framework to the Union of British Columbia Municipalities (UBCM) 2023 Asset Management Planning Program.

PURPOSE

The purpose of this report is to seek Council support for staff to apply for grant funding for the 'Pavement Condition Assessment & Condition Framework' under the UBCM 2023 Asset Management Planning Program.

SUMMARY

The Union of British Columbia Municipalities (UBCM) 2023 Asset Management Planning Program provides an opportunity for the City to seek municipal funding to assist in delivering the 2024 Pavement Condition Assessment and Pavement Management Update. The total cost of the condition assessment is estimated at approximately \$200,000.

The current proposal seeks approximately \$25,000 in grant funding from UBCM. A Council Resolution in support of the application is required *prior to the September 15, 2023 submission deadline*.

BACKGROUND

The 2023 Asset Management Planning Program funding aims to support eligible applicants in advancing local government’s asset management planning and practices, facilitate better integration of asset management planning with long-term financial planning to effectively manage infrastructure to maximize benefits, reduce risk, and promote sustainable service delivery.

As part of asset management best practices, condition assessments are used to quantify, inform, and prioritize preventative maintenance and capital replacement efforts on existing assets.

UBCM is accepting applications for its 2023 Asset Management Planning Program. Applications require a council resolution indicating council’s support for the project. Staff intend to submit an application for the *Pavement Condition Assessment and Condition Framework* to this grant program.

Full program details are available in the Program Guide included as Attachment 1 to this report.

EXISTING POLICY AND PRACTICE

Council adopted the Asset Management Policy in April 2017. One of the principles stated in this policy is to conduct condition assessments to ensure agreed levels of service can be maintained and to identify asset renewal priorities.

Council endorsed the Strategic Asset Management Plan (SAMP) in April 2019. The SAMP defines an approach to developing a condition framework to ensure consistency across different asset classes. Staff will follow the guidelines defined in the SAMP to complete the pavement condition assessment.

ANALYSIS

Condition data is used by staff to guide preventative maintenance and capital projects. This data will be used to maximize the useful life of pavement and prevent expensive reactive repairs. Additionally, the information collected by this project will be used to support the Pavement Rehabilitation Program as well as the Transportation Asset Management Plan, work on which will begin in 2024/2025.

The last pavement condition assessment was performed in 2019 and needs to be undertaken again to remain valid for decision-making. The condition assessment will be completed using the SAMP as a guideline. The project seeks to:

- Assess the City’s entire road network of 234.5 centerline km, including 6.8 km of arterial, 28.8 km of collector, 10 km of local bus routes, 122.3 km of local non-bus

routes and 45.7 km of laneway, as well as 20.9 km that are part of the TransLink-designated Major Road Network.

- Review the current framework to rate or quantify the condition of City’s road network to align with the SAMP condition framework.
- Provide an estimated service life, treatment strategies and replacement value for the City’s entire road network to support the pavement rehabilitation program and Transportation Asset Management Plan.

FINANCIAL IMPLICATIONS

The Pavement Condition Assessment project is estimated to cost approximately \$200,000. This work has been included within year 2024 of the Five Year Capital Plan as Pavement Management program.

If successful, the UBCM 2023 Asset Management Planning Program will provide \$25,000. The City Pavement Management program will fund the remaining amount of \$175,000 within the current Financial Plan as noted.

INTERDEPARTMENTAL LIAISON

Interdepartmental liaison to date has included coordination with the Manager Intergovernmental and Community Relations and the Finance Department.

OPTIONS

The following options are presented for Council’s consideration:

1. Approve the submission of a grant application for the the *Pavement Condition Assessment and Condition Framework* to the UBCM 2023 Asset Management Planning Program;
2. Provide other direction to staff.

Staff recommends option 1.

CONCLUSION

An integrated Asset Management program is key to a healthy and sustainable municipality. Condition assessments are one of the building blocks required to practice sustainability to maximize the life of the asset and to reduce uncertainties and risk. Staff recommends submitting the *Pavement Condition Assessment and Condition Framework* to the UBCM 2023 Asset Management Planning Program for funding assistance.

ATTACHMENTS

Attachment 1 - UBCM Local Government Program Service 2023 Asset Management Planning Program & Application Guide

APPROVALS

This report was prepared by:

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This report was reviewed by:

Kwaku Agyare-Manu, Senior Manager Engineering Services

This report was approved by:

Kwaku Agyare-Manu, Acting of Director Engineering

Lisa Spitale, Chief Administrative Officer