

Request for Decision



To: Regular Meeting

From: **Development, Engineering & Planning**

Date: February 24, 2020

Subject: ICIP Green Infrastructure: Environmental Quality Sub-Stream: Stormwater Management & Treatment grant application

Recommendation: **WHEREAS the City of Grand Forks is committed to improving the management and treatment of its stormwater to improve the environmental quality of the Granby and Kettle Rivers;**
BE IT RESOLVED THAT staff submit an application for grant funding for the improvement of stormwater management and treatment in the downtown core through the ICIP- Green Infrastructure: Environmental Quality Sub-stream and
THAT Council supports the project and commits to funding its share (\$1,134,000) of the project from asset renewal reserves or borrowing.

Background

The City of Grand Forks has a strong sense of understanding the role of natural assets, the impacts of a changing climate on our infrastructure and is advanced in terms of asset management and water resource planning. There are numerous interconnected water issues facing the City including:

1. local and regional flooding,
2. unconfirmed aquifer sensitivity and recharge,
3. aging infrastructure including cross connections between its stormwater and sanitary systems (and the impacts to effluent treatment & discharge), and
4. most of the City's storm outfalls drain directly into productive fish-bearing streams and rivers.

In order to support tackling these issues as well as supporting our flood recovery and mitigation efforts, improvements to the management and treatment of stormwater in the downtown core is required. The works related to improving the management of stormwater will also support the economic recovery of downtown businesses by improving stormwater service levels.

As part of the Disaster Mitigation and Adaptation Fund (DMAF) works, dikes, floodwall and a stormwater interceptor main will be installed on Riverside Drive in the downtown core. We are proposing that in order to improve the management of water in the downtown core, the City's drainage system be designed to connect to the DMAF interceptor main, be treated to improve water quality and then released into the Kettle River.

The works involve improving stormwater management along 72nd Street, Market Avenue, 2nd Street, 3rd Street and 4th Street. These works would involve the installation of approximately 2100m of storm sewer pipes, catch basins, manholes, oil/grit separators as well as incorporating rain gardens and low impact development alternatives where possible. The estimated costs for these works are \$4,200,000 (Class 'D').

The funding for this project is expected to come from the Investing in Canada Infrastructure Program (ICIP) grant of 73% (\$3,066,000) and from our asset renewal reserves (or borrowing) (27%) in the amount of (\$1,134,000). The award of the grant program is not expected until the Spring of 2021 and therefore would impact our 2021 financial and capital plan. Projects must be complete by March 31, 2026. If the grant application is successful, program design will consider the asset management plan, funding availability and potential efficiencies coinciding with the DMAF program. Staff resources are expected to be required to manage consultants and contractors to deliver this project.

Link to the program web page can be found at:

<https://www2.gov.bc.ca/gov/content/transportation/funding-engagement-permits/funding-grants/investing-in-canada-infrastructure-program/green-infrastructure/environmental-quality>

Benefits or Impacts

General

This project supports initiatives to revitalize, beautify, and improve the City and is an implementation measure to mitigate future flooding.

Strategic Impact

This project prioritizes the asset management / asset replacement plan and supports the goal of ensuring that community service needs are delivered in a socially, economically and environmentally responsible manner that do not compromise the ability of future generations to meet their own needs. Failure to care for our infrastructure and manage our natural resources risks degrading, or even losing, the services our community enjoys, and that future generations may rely on.

Policy/Legislation

Policy 808

Attachments

N/A

Recommendation

WHEREAS the City of Grand Forks is committed to improving the management and treatment of its stormwater to improve the environmental quality of the Granby and Kettle Rivers;

BE IT RESOLVED THAT staff submit an application for grant funding for the improvement of stormwater management and treatment in the downtown core through the ICIP- Green Infrastructure: Environmental Quality Sub-stream and THAT Council supports the project and commits to funding its share (\$1,134,000) of the project from asset renewal reserves or borrowing.

Options

1. THAT Council accepts the report.
2. THAT Council does not accept the report.
3. THAT Council refers the matter back to staff for further information.

Report Approval Details

Document Title:	20200224 ICIP Stormwater Management and Treatment Grant.docx
Attachments:	
Final Approval Date:	Feb 18, 2020

This report and all of its attachments were approved and signed as outlined below:

No Signature - Task assigned to Ron Mattiussi was completed by assistant Daniel Drexler

Ron Mattiussi - Feb 18, 2020 - 10:33 AM