



REPORT TO COUNCIL

To: **Mayor and Councillors**

Subject: 46 Avenue Flood Mitigation Grant Application

File #: [Required]

Doc #:

From: Rick Bomhof, P. Eng.
Director of Engineering, Parks & Environment

Date: December 14, 2020

RECOMMENDATION:

1. THAT City Council authorize staff to submit a grant application under the COVID-19 Resilience Infrastructure Stream (CVRIS), sub-stream program, titled the “Adaptation, Resilience & Disaster Mitigation” (ARDM) for the 46 Avenue Flood Mitigation Project, and;
2. That City Council support the project and finance the project cost of \$486,000 until the costs can be recovered through the COVID-19 Resilience Infrastructure Stream (CVRIS) grant program.

PURPOSE:

The purpose of the report is to request Council to support a grant application for funding to upgrade a storm sewer collection system at 46 Avenue for Flood Mitigation.

POLICY:

N/A

COMMENTS/ANALYSIS:

As a result of COVID-19, Infrastructure Canada (INFC) has amended its Investing in Canada agreement to include the creation of a new COVID-19 resilience infrastructure stream (CVRIS) to support pandemic response and economic recovery efforts. The CVRIS stream supports several project categories including disaster mitigation and adaptation infrastructure. A Council resolution to support and authorize

staff's proposed project is required as part of the application. The resolution also commits the City to contributing its share of the eligible costs, ineligible costs and potential overruns related to the project. The grant program will fund 100% of the project cost. A sufficient contingency will be included in the estimate and the ability to scale the project back will be included to ensure there is minimal risk of cost overruns.

The grant application deadline is January 11, 2021 and construction must be completed by December 31, 2021.

The project recommended for the grant application is the 46 Avenue Flood Mitigation Project, which includes a portion of 206A Street and 207 Street. The City has been dealing with flooding issues on this street for the last few years and had proposed a 2021 budget of \$50,000 to complete a design and a cost estimate for construction in 2022. However, in light of this grant opportunity, and if successful, the project would be fully funded and the City could start construction right after completion of the design in 2021. The purpose of the project is to prevent future flooding on the roadway as well as private properties. The works will include roughly 350m of 450mm perforated pipe and associated manholes, catch basins and pavement restoration.

The project area is shown highlighted below:



BUDGET IMPLICATIONS:

The project costs are 100% eligible for grant funding and are estimated to cost \$486,000. The Draft Capital Improvement Plan has a budget of \$50,000 for a design in 2021, which will need to be amended to include the cost of construction phase of the project. If the grant is not approved the project will be designed as intended and construction can be planned for 2022. Breakdown of the proposed budget is as follows:

Funding Source	Budget
Grant	\$486,000
City Share	\$0
Total	\$486,000

ALTERNATIVES:

Don't apply for funding and utilize borrowing to complete the project.

Respectfully Submitted,



Rick Bomhof, P. Eng.
Director of Engineering, Parks & Environment

CHIEF ADMINISTRATIVE OFFICER'S COMMENTS:

I support the recommendation.



Francis Cheung, P. Eng.
Chief Administrative Officer