



City of Port Moody

Report/Recommendation to Council

Date: January 5, 2022
Submitted by: Engineering and Operations Department – Project Delivery Services Division
Subject: Moody Centre Stormwater Infrastructure – Grant Application

Purpose

To seek Council endorsement to apply for the Investing in Canada Infrastructure Program – British Columbia – Green Infrastructure – Environmental Quality grant and accelerate the Moody Centre stormwater infrastructure improvement program to comply with the grant requirements.

Recommended Resolution(s)

THAT the Moody Centre Stormwater Infrastructure Improvement Program be accelerated to 2023 as recommended in the report dated January 5, 2022 from the Engineering and Operations Department – Project Delivery Services Division regarding Moody Centre Stormwater Infrastructure – Grant Application;

AND THAT a 2023 capital project for Stormwater Infrastructure Improvements – Moody Centre be pre-approved with a budget of \$4,030,000 with funding of \$1,075,601 from the Drainage Capital Reserve and \$2,957,399 from the ICIP Grant assuming a 73.3% contribution from senior governments;

AND THAT staff be directed to apply for the Investing in Canada Infrastructure Program – British Columbia – Green Infrastructure – Environmental Quality grant;

AND THAT The Moody Centre Stormwater Infrastructure Improvement Program be reverted to the original timeline for delivery if grant funding is not received.

Background

The Moody Centre area is one of the oldest parts of the city and the existing stormwater infrastructure in the area is incomplete, non-standard, and pre-dates current stormwater best management practices and guidelines. These deficiencies, combined with the increased short-duration, high-intensity storm events due to climate change and re-development pressures are increasing peak flows and the risk of flood damage to City infrastructure and private properties.

In 2019, the City completed a stormwater management study to mitigate drainage challenges and address environmental concerns. The study included:

- assessing the City's stormwater system for capacity, incorporating impacts of climate change;
- preparing a 20-year stormwater servicing plan; and
- recommending methodology for incorporating green infrastructure and low-impact development best management practices

Staff presented the findings from the report, including the 20-year capital program for infrastructure improvement, to Council at the September 17, 2019 Committee of the Whole meeting (**Attachment 1**); the following resolutions were passed:

CW19/136

THAT the Draft Moody Centre Stormwater Management Servicing Plan be endorsed, and staff be directed to proceed with finalizing the technical report as recommended in the report dated September 9, 2019 from the Engineering and Operations Department – Engineering Division regarding Moody Centre Stormwater Management Servicing Plan;

AND THAT staff be directed to amend the Subdivision Development Servicing Bylaw, No. 2831, its schedules, and other associated bylaws in accordance with the Moody Centre Drainage Plan recommendations including: specific stormwater management criteria and targets, requirements for water quality treatment, volume reduction, low impact development best practices, ditch management, and 2018 and 2050 Intensity Duration Frequency (IDF) curves;

AND THAT staff be directed to amend the Subdivision and Development Servicing Bylaw, No. 2831 and its schedules in accordance with the Alternative Service Level (Scenario 3) as outlined in the Draft Moody Centre Stormwater Management Servicing Plan;

AND THAT staff be directed to include relevant projects to support the Alternative Service Level as outlined in the Draft Moody Centre Stormwater Management Servicing Plan in the upcoming 2020-2024 draft capital plan for consideration.

Accordingly, staff have included relevant projects in the capital program to improve the stormwater infrastructure for 2024-2026 as reserve funding allows.

Discussion

The findings from the Moody Centre Stormwater Management Servicing Plan (2019) included a 20-year infrastructure improvement program which identified projects and funding necessary to address the infrastructure upgrade costs.

The estimated costs of servicing Moody Centre as endorsed by Council on September 17, 2019 are summarized in Table 1.

Table 1: Estimated costs for Stormwater Infrastructure in Moody Centre area

Category	Infrastructure Upgrade Cost Over Five Years
City Capital Projects	\$4,033,000
Development Servicing	\$11,213,000

Accordingly, staff had included the projects in the capital program as follows:

	2022-2026 Five-Year Financial Plan					Future Years	
	2022	2023	2024	2025	2026	2027	2028
Drainage Capital Reserve	\$0	\$0	\$780,000	\$1,100,000	\$810,000	\$727,000	\$616,000

Investing in Canada Infrastructure Program – British Columbia – Green Infrastructure – Environmental Quality Grant

Investing in Canada Infrastructure Program – BC – Green Infrastructure Environmental Quality Grant is a joint funding scheme by the Provincial and Federal governments. The program seeks to invest up to \$270M in projects that:

- increase the capacity to treat and/or manage wastewater;
- increase the capacity to treat and/or manage stormwater;
- increase access to potable water;
- increase the capacity to divert or manage solid waste (including landfill gases); and
- increase capacity to reduce and/or remediate soil and/or air pollutants through remediation.

This grant program will provide a total senior government contribution of (up to) 73.33%.

Staff are recommending that the City apply for this grant to secure funding for the full \$4M improvement program, accelerate the 2024-2026 program, and re-allocate funding distribution—a total of \$4.03M—to 2023. The acceleration of the projects is necessary to comply with the grant requirements. The requirements state that all projects must start within two years of grant approval and be completed by 2026.

Should the City succeed in securing this grant funding for the full \$4M program, up to 73.33% of the program would be funded by senior governments. The funding distribution between the senior governments and the City is estimated to be as follows:

City Contribution	Senior Government Contribution
\$1,075,601	\$2,957,399

Should the City fail to secure grant funding, staff would revert to the timeline currently proposed or completing the projects as the City’s reserve funding allows.

Other Option(s)

1. THAT staff be directed to not apply for the Investing in Canada Infrastructure Program – British Columbia – Green Infrastructure – Environmental Quality grant and keep the original timeline for delivering the projects outlined in the Moody Centre Stormwater Management Servicing Plan.
2. THAT staff be directed to keep the original timeline for delivering the projects outlined in the Moody Stormwater Management Servicing Plan and apply for the grant at a total amount of \$780,000.

Financial Implications

Should the City secure the grant funding, up to \$2.96M from senior government funding will be allocated back to the City's reserve by the end of 2026. In order to ensure compliance with grant requirements, the City's portion of project funding will need to be accelerated from the current 2022 Capital Plan.

Communications and Civic Engagement Initiatives

If the City secures grant funding, staff will proceed to prepare an implementation plan and incorporate it as part of the City's Capital Works Program. As part of the project delivery's standard notification process, staff will provide appropriate communication to affected residents and businesses in Moody Centre area of any construction implications based on the new accelerated timeline.

Council Strategic Plan Objectives

The recommendations in this report align with Council's 2019-2022 Strategic Plan through the Environmental Leadership and Community Evolution strategic priorities.

Attachment(s)

1. Report considered at the September 17, 2019 Council meeting – Moody Centre Stormwater Management Servicing Plan.

Report Author

Shashi Bandara, P.Eng.
Project Engineer

Report Approval Details

Document Title:	Moody Centre Stormwater Infrastructure – Grant Application.docx
Attachments:	- Attachment 1 - Report considered at the Sep. 17, 2019 Council meeting - Moody Centre Stormwater Management Servicing Plan.pdf
Final Approval Date:	Jan 17, 2022

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

Kim Law, Manager of Project Delivery Services - Jan 7, 2022 - 11:07 AM

Jeff Moi, General Manager of Engineering and Operations - Jan 10, 2022 - 10:44 AM

Tracey Takahashi for Dorothy Shermer, Corporate Officer - Jan 13, 2022 - 10:44 AM

Natasha Vander Wal for Rosemary Lodge, Manager of Communications and Engagement - Jan 13, 2022 - 1:17 PM

Paul Rockwood, General Manager of Finance and Technology - Jan 14, 2022 - 11:03 AM

Tim Savoie, City Manager - Jan 17, 2022 - 10:56 AM