
TO: CITY MANAGER **DATE:** 2018 August 13
FROM: DIRECTOR ENGINEERING **FILE:** 7400-30
SUBJECT: **INFRASTRUCTURE GRANT - GREEN INFRASTRUCTURE,
ENVIRONMENTAL QUALITY PROGRAM**
PURPOSE: To obtain a Council resolution supporting a grant application from the Green Infrastructure, Environmental Quality Program.

RECOMMENDATION:

1. **THAT** Council authorize staff to apply for a grant of up to \$7.0M from the Investing in Canada Infrastructure Program – Green Infrastructure, Environmental Quality Program administered by the Ministry of Municipal Affairs and Housing, Infrastructure and Finance Branch, on behalf of the British Columbia and Federal Governments.

REPORT**1.0 BACKGROUND**

On 2018 May 31, the Canadian and British Columbian governments initiated the Green Infrastructure, Environmental Quality Program to support cost-sharing of up to \$243M of infrastructure projects. Funding is available for up to 73.33% of eligible project costs (40% Federal funding and 33.33% Provincial funding), and each municipality may submit one application.

Eligible projects must meet at least one of the following outcomes:

- Increased capacity to treat and/or manage wastewater and stormwater
- Increased access to potable water
- increased capacity to reduce and/or remediate soil and/or air pollutants

A Council resolution supporting the municipal application is required.

2.0 DISCUSSION

Since 1989, Burnaby has been actively separating combined sewers, which reduces the likelihood of combined sewer overflows, and therefore improves the water quality within the Burrard Inlet and Fraser River and reduces sewer treatment costs.

To: City Manager
From: Director Engineering
Re: Infrastructure Grant- Green Infrastructure,
Environmental Quality Program

2018 August 13.....Page 2

Burnaby has already separated almost 65% of the original combined sewer network, with only 49 km of combined sewers remaining (approximately 7% of the overall sewer network). Current sewer separation efforts are focused in North Burnaby, where separation efforts result in immediate environmental benefits due to proximity to the Burrard Inlet.

Burnaby has received several previous infrastructure grants for combined sewer separation, and staff have determined that a sewer separation project also best fits the program evaluation criteria. The project recommended for this grant application is 'Boundary Lanes Combined Sewer Separation – Phase 1 and 2' estimated at a total project costs of approximately \$9.6M, and would include watermain replacement, road rehabilitation and IT conduit installation as necessary. Specific project locations include:

Phase I (2019)

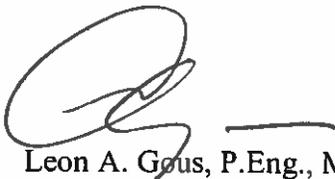
Lane north of McGill St - Boundary Rd to End
Lanes north of Oxford St, Cambridge and Eton St - Boundary Rd to
Esmond Av
Boundary Rd - Oxford St to Trinity St
Esmond Av - Eton St to Trinity St
Cambridge St - Boundary Rd to Esmond Av

Phase II (2020)

Lane north of Dundas St, Boundary Rd to Esmond Av
Lanes north of Triumph St, Boundary Rd to Esmond Av
Lanes north of Pandora St, Boundary Rd to Esmond Av
Boundary Rd - Oxford St to Hastings St
Esmond Av - Pandora St to Lane north of Oxford St

3.0 CONCLUSION

Subject to Council approval of the above, staff would prepare a grant application for the project. Applications are due by 2018 August 29. All funded activities are to take place within five to six years after approved funding, which is anticipated to be confirmed in Spring 2019.



Leon A. Gous, P.Eng., MBA
DIRECTOR ENGINEERING

JWH/ac

Copied to: Director Finance