

Subject: Investing in Canada Infrastructure: Green Stream Intake 2021**Recommendation:**

BE IT RESOLVED THAT Council receive Report #2021-0139- Investing in Canada Infrastructure: Green Stream Intake 2021;

AND THAT Council approve the list of capital projects for the grant submission of the ICIP: Green Stream Intake 2021.

Background:

ICIP Green Stream Intake 2021 has \$240 million available in Ontario. It is for Smaller communities and Indigenous communities. There is only 1 submission allowed per municipality. The funding is: 40% Federal; 33.33% provincial; and 26.07% municipal. The limit is \$5 million. It must include a capital component. The application is due on September 9, 2021

Address:

- critical drinking water needs
- critical health and safety needs
- make local drinking water infrastructure safer and more reliable

Objectives Eligible projects under this intake must meet the following federally determined project outcome of increasing access to potable water

Eligible asset type: The following are eligible asset types under this intake:

Drinking water assets:

- Reservoirs
- Water treatment facilities
- Pump stations
- Local water pipes
- Transmission pipes

Wastewater/storm water components are not eligible under this intake as a primary

asset. These assets or components may be eligible as a secondary asset if they have a direct and immediate impact on water potability in the community (e.g., rehabilitation is necessary to address cross-contamination). Only in this case can these secondary assets be eligible for funding. Otherwise, these components should not be included in your application form.

Ineligible project types: For this intake, **ineligible** project types include:

- Wastewater or storm water projects, unless they are having a direct and immediate impact on water potability in the community (e.g., rehabilitation is necessary to address cross-contamination).
- Expansion projects that extend water services into un-serviced or partially serviced areas.
- Projects that increase system capacity to accommodate population growth or commercial and industrial development (e.g. expansion).
- Assets that are located on private land (e.g. campgrounds)
- Private hookups of water systems to municipal infrastructure
- Flood management control works: This includes dams, dykes, construction of swales, berms, retention ponds, constructed creeks and planting native and perennial crops facilitating absorption of runoff.
- "New Build" projects: A project where some or all of the construction is adding/reconstructing some portion of the drinking water system could be eligible (e.g., lengthening an existing watermain, replacing a portion of the watermain with a line of a larger diameter) so long as the application demonstrates that the purpose of the project is to address an existing health and safety issue. Projects that are determined to have an objective of increasing capacity for residential or commercial end users will not be eligible for funding. This includes new private hookups to municipal infrastructure.
- Projects receiving funding through Indigenous Services Canada for the purposes of addressing a boil water advisory are not eligible for ICIP funding under

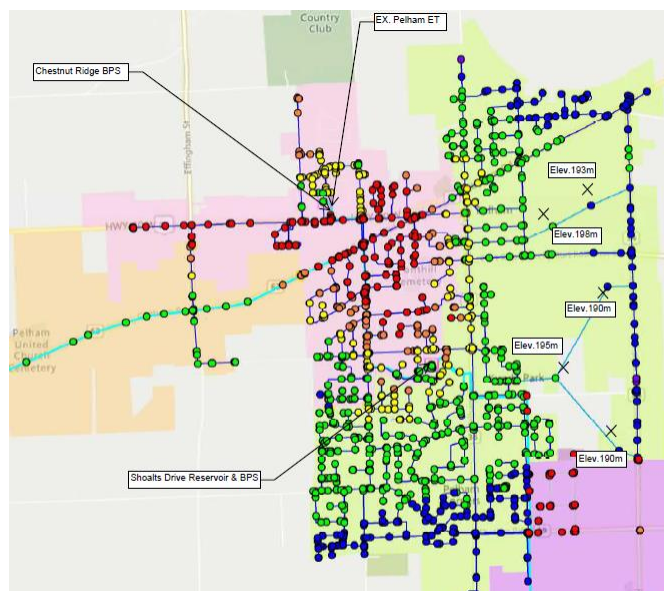
Analysis:

The proposed project will include the replacement of approximately 3,000 m of cast iron water main in the north-west area of Fonthill. The project will focus on replacing a critical section of water main on Canboro Road from Haist Street to Pelham Road which acts as a main feed to the north-west areas of Fonthill. In addition, the project will include the replacement of old cast iron water mains in areas which are currently experiencing common water main breaks, low pressures and relatively poor water quality due to the nature of the material and the corrosion that has taken place over time. The water mains that will be replaced as part of this project were originally installed in the 1950ies with some sections dating back to 1935.

The locations that will be included for water main replacement as part of this project are as follows: 1) Canboro Road from Haist Street to Hwy 20; 2) Hwy 20 from Canboro Road to Pelham Street; 3) Daleview Crescent and Daleview Drive; 4) Moote Lane; 5) PinecrestCt; 6) Spencer Lane; and Strathcona Drive.

Currently the Town's water department spends considerable time and resources in repairing water main breaks, and flushing in order to maintain acceptable chlorine residuals to ensure that clean and safe drinking water is supplied to the residents in this area.

The Canboro Road water main from Haist Street to Pelham Street is the second most critical municipal water main found within the Pelham Distribution system. It provides backup to the Pelham Street Trunk water main which supplies drinking water and fire flows to the largest pressure zone and most users in Pelham (see the area highlighted in green on the map provided below).



The replacement of the water mains in this service area are identified in the Town's 20 year capital forecast between 2022 and 2029.

Financial Considerations:

The proposed cast-iron water main replacement project is included in the Town's 20-year capital forecast extending over a period of 7 years beginning in 2022 to 2029. The total estimated budget in the forecast to complete the cast iron replacement work in this area is \$2.2 Million.

Based on recent tender results received on Town water main replacement contracts

the estimated cost to complete the cast iron water main replacement project is approximately \$3.5 Million based on an estimated replacement cost of \$1,100 per lineal metre (Note: Cost includes professional services such as design and contract administration as well as construction). It is anticipated that the project will be broken down into three phases with design beginning in 2022 and construction following in 2023, 2024, and 2025.

The Town's portion of this \$3.5 Million capital project is 26.07% which is \$912,450. This would reduce the amount in the 20-year capital forecast by \$1,287,550 (\$2.2 million less \$912,450).

Alternatives Reviewed:

The alternative is not to apply for this grant so the full amount would have to be funded by the Town.

Strategic Plan Relationship: Financial Sustainability

Grant applications provide financial sustainability since a grant helps to offset the cost of a capital project; therefore, reducing the need for increase in debt or transfers from reserves which are funded by an increase in the water and waste water rates. This grant will also decrease the amount of deferred capital forecast required to be funded by the Town (which is listed in the 20-year forecast) by \$1,287,550.

Consultation:

Director of Public Works

Manager of Public Works

Other Pertinent Reports/Attachments:

None.

Prepared and Recommended by:

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