



Development Services,
Engineering and Public Works
Staff Report to Council

File: 05-1855-03

DATE: January 17, 2018
TO: Mayor and Council
FROM: Mike Dickinson, Planner and
Jason Kinch, Engineering Technologist II – Asset Management
SUBJECT: **Infrastructure Planning Grant Program Applications**

RECOMMENDATION: Council consider and resolve:

That the Provincial Infrastructure Planning Grant applications for the *Cedar Valley Local Area Plan – Environmental Protection and Natural Infrastructure Collaboration* and the *Soils Database and Pilot Project for Better Watermain Asset Service Life* projects be endorsed.

DISCUSSION:

This report requests Council's endorsement for two Infrastructure Planning Grant Program (IPGP) applications prepared by Development Services and Engineering Department staff.

The IPGP offers grants up to \$10,000 per project to support local government in projects related to the development of sustainable community infrastructure or for long-term comprehensive plans.

The grant applications submitted by the District are for environmental planning consultant support for developing local area plan guidelines for sustainable development and environmental protection as well as for professional engineering advice regarding watermain asset service life. The two projects have a combined value of \$30,000 (\$15,000 each), and the grant applications have a combined value of \$20,000 (\$10,000 each), leaving the District responsible to fund the remaining \$10,000 (\$5,000 for each project). Staff submitted both applications to the provincial Ministry of Municipal Affairs and Housing by the deadline date of January 17, 2018, and was advised to provide a formal resolution of Council of endorsement in support of the applications. Application highlights are noted below.

"Cedar Valley Local Area Plan – Environmental Protection and Natural Infrastructure Collaboration"

This grant application is to secure the services of a Qualified Environmental Professional (QEP) consultant who will provide resources for staff to prepare the Cedar Valley Local Area Plan's environmental protection policies and design guidelines. The consultant will confirm environmentally sensitive area (ESA) locations and characteristics, and recommend best environmental protection and management practices for natural areas, design guidelines for developments adjacent to ESAs, and criteria for the pedestrian trail system and 'green/natural' infrastructure (e.g. stormwater management ponds/systems) adjacent to and within ESAs.

"Soils Database and Pilot Project for Better Watermain Asset Service Life"

This grant application is to help fund services of a consulting engineering firm to collect all available soils information within the District of Mission's boundaries and develop a standardized ranking system for soil corrosivity. The consultant will also review existing work processes for opportunities to collect soils information that could be compiled to support deterioration modelling and material selection. Additionally, the consultant will develop modified work processes, including work procedures

and forms, for the most probable and sustainable opportunities to pilot. A comprehensive District-wide soil analysis dataset, standardized and centralized in a repository, accessible through the GIS system, would be used to support deterioration models and end of life predictions for long range planning. In addition, the data would be used to select construction materials that will provide the lowest life cycle cost and protection to the environment.

The Provincial Infrastructure Planning Grant Program offers grants to support local governments in projects related to the development of sustainable community infrastructure. Grants up to \$10,000 per project are available to help improve or develop long-term comprehensive plans that include capital asset management plans, community energy plans, integrated stormwater management plans, water master plans, and liquid waste management plans. Grants can be used for activities related to assessing the technical, environmental, and/or economic feasibility of municipal infrastructure projects. Each grant amount is arrived at the formula illustrated below:

Approved Eligible Project Costs		Provincial Grant
First \$5,000 of costs or less	—————>	100% of approved costs
Next \$10,000 or less	—————>	\$50% of approved costs

For approved eligible costs over the first \$5,000, this portion will be calculated at 50% funding for the remaining approved eligible costs up to a maximum total grant amount of \$10,000. Given that each application has a project value of \$15,000, the District would be contributing \$5,000 for each project, funded from existing 2018 budgets for the Cedar Valley Plan Review (Development Services) and for Watermain Condition Assessment/Replacement (Public Works).

FINANCIAL IMPLICATIONS:

The financial implications of this report include the potential to gain \$20,000 in Provincial grant funding, towards projects totaling \$30,000. Provincial approvals of the grant applications would partially offset the costs of the work underway with the Cedar Valley Comprehensive Development Plan review and allow the Soils Database and Pilot Project for Better Watermain Asset Service Life study to commence, respectively. The District is responsible to fund the remaining \$10,000 towards these projects, which has been identified from existing budgets; therefore, no additional funding is required. Should the grant applications be approved, Staff will report back to request an amendment to the budget accordingly.



I have reviewed the financial implications
Kris Boland, Director of Finance

SUMMARY AND CONCLUSION:

Both applications, if approved by the Province, will support projects that yield long-term benefits for Mission.

SIGN-OFFS:



Mike Dickinson, Planner



Jason Kinch, Engineering Technologist II –
Asset Management



Reviewed by:
Dan Sommer, Director of Development Services



Reviewed by:
Tracy Kyle, Director of Engineering & Public Works

Comment from Chief Administrative Officer:
Reviewed.