

THE CORPORATION OF THE MUNICIPALITY OF MISSISSIPPI MILLS

STAFF REPORT

DATE: February 16, 2021

TO: Committee of the Whole

FROM: Cory Smith, C.Tech. A/Director of Public Works

SUBJECT: **Stormwater Management – Finner Court and Surrounding Area**

RECOMMENDATIONS:

THAT Committee of the Whole recommend Council direct staff to engage JP2G Consultants Inc. to provide a preliminary area assessment of the stormwater management for Finner Court and surrounding area at the cost of \$2,842.00 plus HST.

AND THAT staff report back to Council the findings of the preliminary area assessment, including short term solutions and a work plan and cost estimate to complete a more detailed review of the stormwater management of the area based on the information obtained in the preliminary area assessment.

AND THAT the works be funded from budgetary surplus at year end if available or out of reserves if budgetary surplus is not available.

BACKGROUND:

In the general area of Marshall Street and Finner Court there are some issues of poor surface water drainage. Ponding of stormwater occurs between Marshall street and Finner Court. This is particularly prevalent during the late winter and spring conditions. Council has directed staff to review the situation to determine root causes and what if anything can be done to alleviate the poor surface water drainage in this area.

DISCUSSION:

In order to determine the root cause and provide options to help alleviate the problem, a review of the immediate storm water management controls in the area needs to be completed, along with a review of the overall catchment area. JP2G completed a design for sewer and water upgrades along Mercer and Marshall Street. As part of the design, JP2G has completed a significant amount of topographic survey work in the immediate area of concern and some preliminary drainage work in this general area. As such staff have requested that JP2G provide a quotation to review the surface drainage/stormwater management in this area. The purpose of the review is to provide

a preliminary area assessment and short-term solutions to help with the stormwater management in this area. In addition, the preliminary area assessment will also gather the necessary information required for JP2G to provide long term solutions for the stormwater management in this area.

Preliminary area assessment will include:

- Review of available existing conditions;
- Identify storm sewers for future CCTV investigation by Municipality;
- Site visit to assess existing conditions at outlet;
- Evaluate potential short term solutions; and
- Provide Municipality with short term solutions.

The scope of a more comprehensive review to develop the long term solution will be based on the preliminary area assessment and a detailed proposal with updated costings will be provided for consideration. Upon completion of the preliminary area assessment staff will provide a report to Council with the results of the assessment and short term solutions, as well as, the proposal for comprehensive review of the Long Term Solutions.

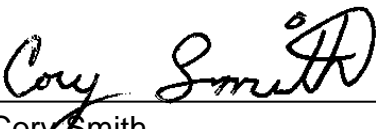
FINANCIAL IMPLICATIONS:

The Cost of the preliminary area assessment by JP2G is \$2,842.00 plus HST. The cost of the comprehensive review for long term solutions will be determined and provided as part of an updated proposal upon completion of the preliminary area assessment. Funding for this review was not allocated in the 2021 Budget. It is recommended that the funds for these and future works be funded from surplus funds available at year end. If there is not sufficient surplus to fund these works, it is recommended that these works be funded from reserves.

SUMMARY:

Staff is recommending proceeding with the works proposed by JP2G for the preliminary area assessment of the stormwater management in the area of Finner Court and Marshall Street. Upon Completion of the preliminary area assessment staff will bring forward a report of the short term solutions and will provide updated costs to proceed on a comprehensive review for Long Term solutions for approval by Council.

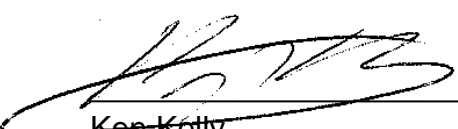
Respectfully submitted,



Cory Smith

A/Director of Roads and Public Works

Approved by,



Ken Kelly
CAO