

Monday, July 15, 2019

Subject: Complete the Sanitary Sewer Improvements at Station St and Summersides Blvd.

Recommendation:

BE IT RESOLVED THAT Council receive Report # 2019-0032-Public Works; and THAT Council approve the additional funds required for the costs associated with the Sanitary Sewer Diversion from the Wastewater Reserve.

Background:

The Summersides Boulevard road construction project as part of the East Fonthill Development included the construction of a roundabout at the intersection of Station Street, Summersides Boulevard and Pelham Town Square. Council deferred the roundabout construction to 2023; however, there are some Sanitary Sewer Improvements which are required at this intersection.

Council approved carry forward work of \$400,000 to complete required works in the East Fonthill Development, including improvements to the Station St./Summersides Blvd. Intersection. Of this \$400,000, \$14,860.48 was allocated to purchasing sanitary sewer manholes that were pre-fabricated for this sanitary sewer improvement at the Station/Summersides/Pelham Town Square intersection. It is anticipated that these manholes will be stored until Station Street is reconstructed. (Tentatively scheduled for 2023). Due to the pressure being placed on the existing sanitary system, at this location, it would be beneficial to complete the required sanitary sewer upgrade now considering that the manholes have been already purchased by the Town and our contractor (Beam Excavating) will be completing upgrades to the Station Street intersection as part of the East Fonthill works.

The Sanitary Sewer Improvements involves the diversion of a large portion of the sanitary catchment area currently discharging to the Regions Hurricane Road PS; these areas are College Street, Emmett

Street and Pelham Town Square. The proposed diversion will change the discharge location to the Regions Trunk Sanitary Sewer on Rice Road.

All future connections to the sanitary sewer along Summerside Blvd. will ultimately discharge into the Regions Trunk Sewer on Rice Road.

Analysis:

The decision to defer the round-a-bout at Station Street was made after the sanitary manholes were fabricated. Beam Excavating was awarded a contract and had an existing purchase order to complete these works with the round-a-bout construction. As a result, the Town is required to purchase the materials for the sanitary sewer upgrades as they were specifically designed and fabricated for this project based on the design.

Beam Excavating has been retained to complete the outstanding East Fonthill works as part of the carry forward funds approved by council as part of the 2019 capital budget.

As a result, staff is recommending to proceed with the sanitary sewer upgrades now in order to make use of the materials that have already been purchased and provide relief to the existing sanitary sewer system currently near capacity.

Completing the sanitary sewer upgrades now will relieve current pressure, resolve back up and flooding issues in the hurricane Road sewer shed and will help to alleviate sewer capacity concerns in the College and Emmet subdivisions resulting from extraneous flows infiltrating the sewer system based on the age and condition of the sewer.

Financial Considerations:

In order to ensure that the Sanitary Sewer Diversion project is completed, Public Works requests the approval to move forward with this project, with provision of transferring funds from the wastewater reserve to cover the additional funds required:



Cost to complete sanitary sewer upgrades	\$113,254.05
Allowance to purchase manholes	(14,860.46)
Contingency (10%)	<u>9,839.36</u>

Total amount of Transfer from Wastewater Reserve Funds \$108,232.93

The estimate provided by Beam is estimated at \$113,254.05 not including applicable taxes or contingency. (See Appendix A)

Alternatives Reviewed:

Council may choose not to proceed with the installation of the sanitary sewer at Station Street at this time. If this is the direction of Council Public Works will store the materials until such time that Station Street is reconstructed.

Strategic Plan Relationship: Risk Management

Other Pertinent Reports/Attachments:

Estimate provided by Beam Construction.

Consultation:

Teresa Quinlin, Director Corporate Services

Legal Consultation, If Applicable:

None

Prepared and Recommended by:

Jason Marr, Director of Public Works

Approved and Submitted by:

Teresa Quinlin, Interim Chief Administrative Officer



