

## Report to Council

**Report Title:** Emergency George Street Water Main Replacement

**Prepared By:** Gregg Furtney, Director of Operations

**Department:** Utilities

**Date:** October 27, 2020

**Report Number:** UT2020-17                      **File Number:** C11UT

**Attachments:** N/A

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### Recommendation:

That the Council of the Municipality of Brockton hereby receives Report Number UT2020-17 - Emergency George Street Water Main Replacement, prepared by Gregg Furtney, Director of Operations, and in doing so directs staff to proceed with the water main replacement on George Street this fall

### Report:

#### Background:

In July and August of 2020, the water main on George Street, Walkerton, needed three (3) separate emergency repairs. The water main has severely deteriorated in several spots. Both Brockton Staff and Veolia Staff are concerned that there will be more water main breaks on that same water main this coming winter. Winter water main breaks are significantly costlier as they are more time consuming. Residents can be out of water for significant periods of time.

The following picture is of the water main break in August. It is the same size, larger than a softball, as the two (2) previous water main breaks in July.



The water main is 6 inches in diameter, 210 meters long, and feeds 13 residential homes.

### **Analysis:**

Staff would like to move forward quickly with this water main replacement on George Street in Walkerton. Exposed areas of water main, during the repairs, appeared to be very thin-walled. The idea is to replace the water main this fall and to leave George Street as a packed gravel road over the winter. As per Council's direction, budget 2021, staff would then, in the spring of 2021, replace the existing clay tile sanitary sewer, upgrade the storm water system, and resurface the street. This project was not a forecasted project.

The estimated cost of the 2020 water main replacement work is approximately \$120,000. BM Ross and Associates would be executing the engineering and project management side of the project. Brockton Staff would help with the procurement of the plumbing materials. Excavation work would be covered through our annual Time and Materials Vendor Agreement.

Staff are recommending that this emergency project be funded through the Utilities Reserve Fund. The remaining work (sanitary sewer replacement, storm water management upgrades, and road resurfacing) would be brought forward to Council in the upcoming 2021 budget process.

### **Sustainability Checklist:**

What aspect of the Brockton Sustainable Strategic Plan does the content/recommendations in this report help advance?

- |   |     |
|---|-----|
| • Do the recommendations help move the Municipality closer to its Vision? | Yes |
| • Do the recommendations contribute to achieving Cultural Vibrancy?       | N/A |
| • Do the recommendations contribute to achieving Economic Prosperity?     | N/A |
| • Do the recommendations contribute to Environmental Integrity?           | Yes |
| • Do the recommendations contribute to the Social Equity?                 | Yes |

### **Financial Impacts/Source of Funding:**

- Do the recommendations represent a sound financial investment from a sustainability perspective? Yes

The estimated cost of the water main replacement project on George Street, Walkerton, is \$120,000. Staff are recommending that this project be funded by the Utilities Reserve Fund. The additional work (sanitary sewer replacement, storm water management upgrades, and road resurfacing) would be captured in the 2021 capital or operating budget.

### **Reviewed By:**



**Trish Serratore, Chief Financial Officer**

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**Respectfully Submitted by:**



Gregg Furtney, Director of Operations

**Reviewed By:**



**Sonya Watson, Chief Administrative Officer**