



Report to: General Committee

Date Report Authored: Nov 16/11

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**SUBJECT:** Watermain Break Emergency Purchase – 7330 Bayview Avenue  
**PREPARED BY:** Daphne Ross, Manager, Business Compliance

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**RECOMMENDATION:**

- 1) That the report entitled “Watermain Break Emergency Purchase – 7330 Bayview Avenue” be received;
- 2) And that the Environmental Services Department continues to manage the watermain break and related emergency purchases in compliance with the Town of Markham’s Purchasing By-Law;
- 3) And that in accordance to the Purchasing By-law, Staff be authorized to approve the award of the final repair and restoration work to be completed in the spring of 2012 through the Region of York;
- 4) And that a memo be circulated to members of Council upon completion of final repair and restoration work in 2012 communicating the final cost of all works;

And that Staff be authorized and directed to do all things necessary to give effect to this resolution.

**PURPOSE:**

The purpose of this report is to provide an update to Council on the emergency purchase for the recent watermain break at 7330 Bayview Avenue and actions taken and costs to date.

**BACKGROUND:**

On November 4, 2011 at approximately 3:00 am, Waterworks on-call staff received a call regarding a watermain break on Bayview Avenue south of John Street. Staff responded and determined the break was located just south of Laureleaf Road.

In order to quickly re-open the road to traffic, the Director of Operations and Manager of Purchasing authorized the award of an emergency purchase under the Purchasing By-law 2004-341, Part II, Section 7 for Emergency purchase. Under the Purchasing By-law an emergency” means a situation where the immediate purchase of goods or services is essential to prevent serious delays, damage or injury, to restore minimum service or to ensure the health and safety of any person including employees or residents of the Town of Markham.

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**OPTIONS/ DISCUSSION:**

The break had caused the middle turning lane on Bayview Avenue (south of Laureleaf Road to north of Doncrest Drive) to collapse. There were large amounts of mud and debris accumulated at Proctor Road which resulted in Bayview Avenue being shut down completely between Laureleaf Road and Proctor Avenue.

Waterworks isolated the watermain break immediately and were able to complete the repairs to the watermain by 4:00 pm on November 4, 2011. Road restoration and repair started the following day after consultation with Region of York staff and Bayview Avenue remained closed in both directions.

The road was restored and resurfaced by 3:00 pm on November 10, 2011 at which point all lanes were re-opened on Bayview Avenue. Clean up of the area with sidewalk sweeping, temporary asphalt paving of sidewalks and kill strips was completed on Tuesday, November 15, 2011 to ensure all safety hazards were dealt with.

The restoration that was completed is temporary in nature and final restoration will be completed in the spring of 2012; this will involve top asphalt and concrete work as per the Region's specifications. The cost for the final restoration will be determined in the spring of 2012.

**FINANCIAL CONSIDERATIONS:**

Invoices received to-date from suppliers and contractors	\$338,564.50
<u>2011 additional invoices estimated</u>	<u>\$ 20,000.00</u>
Total 2011 Cost*	\$358,564.50
<u>2012 estimated cost of final road works*</u>	<u>\$120,000.00</u>
Total Estimated Cost of the Watermain Break Repair	\$478,564.50

\*Costs will be charged to the respective years' Waterworks Operating Budget.

In order to obtain the lowest possible price, Staff utilized contractors who have current contractual agreements with Markham and are as follows:

1. Brennan Paving & Construction Ltd. \$242,097.55 (Incl. of HST)
  - Time and materials to pave the roadway
  - Brennan Paving & Construction Ltd is Markham's contractor for Road Rehabilitation and asphalt resurfacing repairs under contract 067-T-10

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2. Finch Paving (1993) Inc. \$86,436.37 (Incl. of HST)
    - Watermain Repairs
    - Finch Paving (1993) Inc. is Markham's contractor for Routine & Emergency Sewer and Water main Repairs under contract 029-T-07
  3. DBA Engineering \$6,615.15 (Incl. of HST)
    - To do undertake the required compaction testing of fill prior to paving
    - DBA Engineering is Markham's contractor for Townwide material testing under contract 016-T-11
  4. De Ferrari Construction \$1,457.70 (Incl. of HST)
    - To do undertake concrete and catch basin repairs
    - De Ferrari is Markham's contractor for Concrete & Curb repairs under contract 031-T-10
  5. A J Vacworx \$1,728.90 (Incl. of HST)
    - To do undertake the required catchbasin cleaning and sewer flushing
    - Due to emergency, Staff contacted a local Hydrovac supplier who has done work for Markham in the past
  6. D Crupi & Sons \$228.83 (Incl. of HST)
    - Street sweeping and cleaning
    - D Crupi & Sons is Markham's contractor for street sweeping under contract 283-T-09
  7. Ontario Redimix and Ontario Traffic Inc approx \$20,000 (Incl. of HST)
    - Supply / delivery of unshrinkable fill and Traffic control
    - Ontario Redimix is Markham's contractor for the Supply and Delivery of Unshrinkable Fill under contract 107-Q-10
    - Ontario Traffic Inc. is Markham's contractor for traffic counts and requirements under contract 149-S-11

**HUMAN RESOURCES CONSIDERATIONS**

Not Applicable

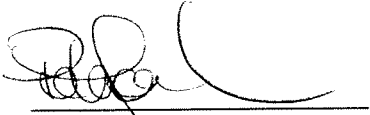
**ALIGNMENT WITH STRATEGIC PRIORITIES:**

Not Applicable

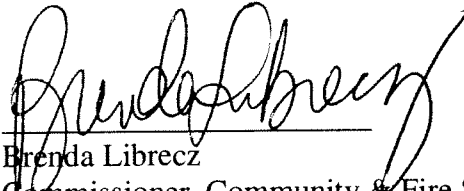
**BUSINESS UNITS CONSULTED AND AFFECTED:**

Purchasing Department

**RECOMMENDED BY:**



Peter Loukes, P.Eng  
Director, Environmental Services



Brenda Librecz  
Commissioner, Community & Fire Services

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