

October 13, 2017

## Military Trail Watermain & Road Construction Update

This notice provides an update on the construction work that is taking place on Military Trail.

### WATERMAIN CLEANING AND STRUCTURAL RE-LINING

In February 2017, the City started planned work on Military Trail to clean and structurally re-line the watermain and replace the City-owned portion of substandard water service pipes and replace fire hydrants and valves between Neilson Road to East Highland Creek. In May 2017, the contractor completed the work from East Highland Creek to Highcastle Road. The work from Highcastle Road to Neilson Road is expected to be completed by November 17, 2017.

The cleaning and structural re-lining work will extend the service of the watermain for more than 50 years and is part of the Toronto City Council approved capital program to renew aging infrastructure.

### WATERMAIN BREAK

In late-March, 2017, unrelated to the cleaning and structural re-lining work, a section of the same watermain, (towards Ellesmere Road), broke causing very significant road damage, making it unsafe.

The following work has taken place because of this watermain break:

- From **March 31 to April 7 2017:**  
Crews completed emergency watermain repairs to isolate and repair the break.
- **Between May 16, 2017 to September 11, 2017:**  
The watermain cleaning and structural relining work was extended (mentioned above) west to Ellesmere to help ensure there are no further breaks.

### CONSTRUCTION CHALLENGES

With some construction projects, there are unforeseen circumstances that arise. For the work on Military Trail there have been several including the additional emergency structural re-lining work due to the watermain break and the significant road safety issues because of the watermain break. Additionally, the Ministry of Environment and Climate Change requires strict protocols for drinking water safety including flushing and water quality testing of bypasses and re-lining work. This can often take several attempts and several weeks to ensure testing and water samples meet strict regulatory requirements. During these times, there is little site activity as staff are waiting for positive test results. Water quality testing also occurs prior to putting a watermain back into service.

Thank you for your patience during this challenging construction work.

### ROAD REPAIR

The watermain break caused significant road damages found in many locations making the road closure necessary. The damages included:

- destabilized road subsurface and surface
- severe cracking, potholes, pavement distortion,
- depressions, ponding and broken pavement edges

A geotechnical investigation (an engineering report of the pavement structure and subsurface soil conditions) is underway to determine the extent of the damage and to help plan for the permanent road repairs. The geotechnical fieldwork investigation will be underway by November. Final recommendations from the fieldwork will be provided to the City in December.

### NEXT STEPS

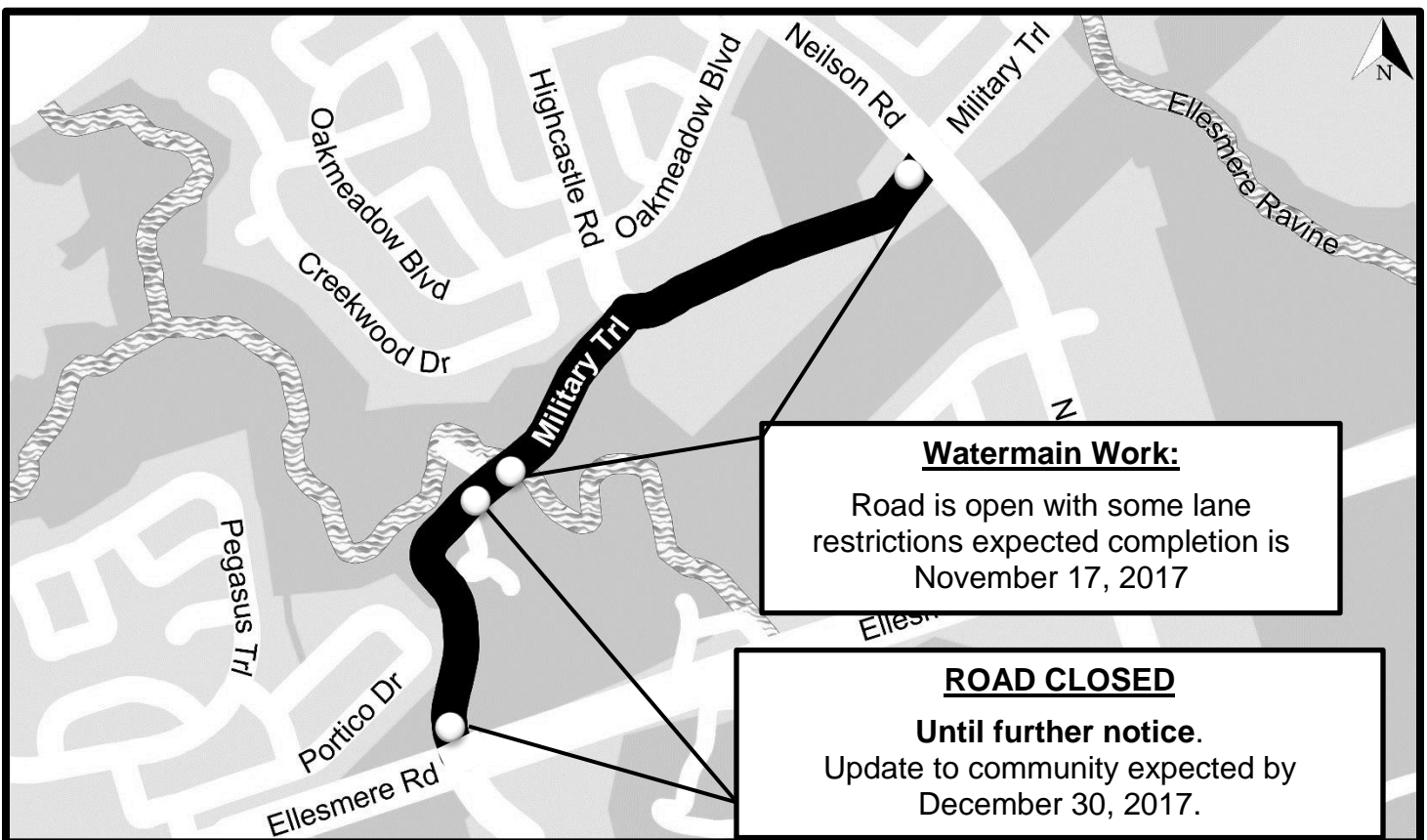
Once the results of the geotechnical investigation are complete, staff can properly assess the damage and develop a road repair plan. At this time, it is unknown if the necessary road repairs are minor or major. If the road repairs are minor, and there are no unexpected delays, the road will re-open in early 2018 (due to time needed to tender and award the contract. However, if a major road reconstruction is required, or there are other unexpected delays, the road may not re-open until Summer/Fall of 2018. Further construction updates will be shared with the community to advise on the status of these road repairs.

**NEED MORE INFORMATION?**

If you have questions, please contact us.

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<b>General inquiries</b>	311
<b>Website</b>	<a href="http://www.toronto.ca/improvements/ward43.htm">www.toronto.ca/improvements/ward43.htm</a>

**MAP OF WORK AREA**



Thank you for your patience. Building a great city takes time. Better infrastructure for all of us is worth the wait.