



PROJECT UPDATES

Tuck Creek Flood Mitigation Hydro Right of Way to Spruce Avenue

Date: August 14, 2020

Dear Resident:

The Tuck Creek Flood Mitigation Project is currently in various stages of implementation. To undertake major environmentally sensitive projects like creek restoration and bridge replacements, the city must follow a thorough environmental approval process. The following provides status updates for the three phases of this project. For those residents who are new to the neighbourhood, a brief background of the project is also included.

BACKGROUND

In 2012 the city completed an erosion control Municipal Class Environmental Assessment (EA) for a study area between the Hydro right-of-way (ROW) north of New Street and Spruce Avenue. The detailed design for the erosion control works subsequently received approval from Conservation Halton (CH) in July 2014 and the construction was scheduled for Fall 2014. However, the August 4, 2014 storm event resulted in major damage and changes to the existing channel requiring a resurvey and major revisions to the design.

Following the August 4, 2014 storm event, the City undertook the Flood Vulnerability, Prioritization and Mitigation Study for City watercourses. Top prioritized recommendations from the study included upgrades to the Regal Road, New Street, and Spruce Avenue bridges and a channel capacity increase between the Hydro ROW and Spruce Avenue. Since these bridges were not scheduled for major maintenance or replacement, upgrades to the crossings had not been included in the Erosion EA completed in 2012.

Given the August 4, 2014 flooding within the study area, the planned erosion works for the area were put on hold and Aquafor Beech Limited was retained by the City to complete the Flood Mitigation Municipal Class Environmental Assessment (EA) in the Tuck Creek watershed between the Hydro ROW and Lake Ontario.

Five (5) alternatives were developed to reduce the risk of flooding within the study area. Based on the results of the alternatives evaluation and consultation with the other City departments, Conservation Halton, and the public, Alternative 4 (upgrades to New Street, Regal Road, and Spruce Avenue crossings and creek width increases) was selected as the preferred alternative. This alternative provides a significant reduction in the number of buildings at risk of being flooded in the 100-year storm and Regional storm.

As recommended by the EA study, the proposed works are being completed in three phases, as follows:

Phase 1: Regal Road Bridge upgrade & associated channel improvements

Phase 2: New Street Bridge upgrade & associated channel improvements

Phase 3: Spruce Avenue Bridge upgrade & associated channel improvements

Note: The complete EA report is available on the City's website for public viewing:
<http://www.burlington.ca/en/services-for-you/Tuck-Creek-Flood-Study-Class-EA.asp>

PROJECT UPDATE

Phase 1: This phase includes the Regal Road bridge replacement and channel works extending from 60 meters south of New St. to 260 m south of Regal Road. Phase 1 construction is complete.

Phase 2: This phase includes the New Street bridge replacement and channel works between the pedestrian bridge on Hydro Right of way to 60 m south of New Street. Construction of channel works is currently underway and will be complete before the end of fall 2020.

Construction of New Street bridge will require relocation of utilities including, lowering of major watermain and bell services. Currently, the city is in the process of securing the necessary approvals from the Halton Region. Construction of the New Street bridge was anticipated to begin summer 2020, however, due to delays because of COVID19 construction is expected to start in Summer 2021.

Phase 3: This phase includes the Spruce Avenue bridge replacement and associated channel works. Consultants are currently working on the detailed design of the project. Construction of this phase will occur after the New Street bridge is constructed. The anticipated construction start is in summer 2023.

As we proceed through the process we will be providing project updates. Construction notices will be mailed out to area residents before the start of construction.

Should you want to discuss this project or would like additional information, please do not hesitate to contact us.

For more information Contact:

Arif Shahzad, M. Eng., P. Eng.
City of Burlington, Senior Project Manager
426 Brant Street, P.O. Box 5013, Burlington, ON L7R 3Z6
Tel: 905-335-7600 ext. 7486,
E-mail: Arif.Shahzad@burlington.ca

