



The Corporation of the City of Stratford  
Infrastructure, Transportation and Safety Committee  
Open Session  
AGENDA

**Date:** Monday, January 25, 2021

**Time:** 3:10 P.M.

**Location:** Electronic Meeting

**Committee Present:** Councillor Vassilakos - Chair Presiding, Councillor Burbach - Vice Chair, Mayor Mathieson, Councillor Beatty, Councillor Bunting, Councillor Clifford, Councillor Gaffney, Councillor Henderson, Councillor Ingram, Councillor Ritsma, Councillor Sebben

**Staff Present:** Joan Thomson - Chief Administrative Officer, Tatiana Dafoe - City Clerk, Ed Dujlovic - Director of Infrastructure and Development Services, David St. Louis - Director of Community Services, John Paradis - Fire Chief, Kim McElroy - Director of Social Services, Janice Beirness - Director of Corporate Services, Jodi Akins - Council Clerk Secretary, Chris Bantock - Deputy Clerk

To watch the Committee meeting live, please click the following link: <https://stratford-ca.zoom.us/j/84355168443?pwd=dTUyQTVPTHd6WDY0YURjL2Y0YWsvUT09>

A video recording of the meeting will also be available on the [City's website](#) following the meeting. Pages

**1. Call to Order**

The Chair to call the Meeting to Order.

**2. Disclosure of Pecuniary Interest and the General Nature Thereof**

The *Municipal Conflict of Interest Act* requires any member of Council declaring a pecuniary interest and the general nature thereof, where the interest of a member of Council has not been disclosed by reason of the member's absence from the meeting, to disclose the interest at the first open meeting attended by the member of Council and otherwise comply with the *Act*.

Name, Item and General Nature of Pecuniary Interest

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**3. Delegations**

None scheduled.

**4. Report of the Project Engineer**

**4.1. Noise By-law Exemption for Lake Victoria Footbridge Replacement (T-2020-43) (ITS21-001)**

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\*this item is also listed for consideration at the January 25, 2021 reconvene Council meeting.

Motion by \_\_\_\_\_

**Staff Recommendation: THAT an exemption from Noise Control By-law 113-79 be granted to McLean Taylor Construction Limited to facilitate construction for the Lake Victoria Footbridge Replacement project, under the operation of construction equipment provision (Schedule 2 clause 5) from 7:00 p.m. to 11:59 p.m. and 12:00 a.m. to 7:00 a.m. on date(s) to be determined subject to the approval of the Director of Infrastructure and Development Services.**

**5. Adjournment**

Meeting Start Time:

Meeting End Time:

Motion by \_\_\_\_\_

**Committee Decision: THAT the Infrastructure, Transportation and Safety Committee meeting adjourn.**




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## MANAGEMENT REPORT

<b>Date:</b>	January 25, 2021
<b>To:</b>	Infrastructure, Transportation and Safety Committee
<b>From:</b>	Nathan Bottema, Project Manager
<b>Report#:</b>	ITS21-001
<b>Attachments:</b>	T2020-43 Footbridge Location and Zoning

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**Title:** Noise By-law Exemption for Lake Victoria Footbridge Replacement (T-2020-43)

**Objective:** To obtain an exemption to Noise By-law 113-79 to allow McLean Taylor Construction Ltd., to operate a diesel heater 24-hours on weekdays and weekends when necessary.

**Background:** McLean Taylor Construction Limited was awarded the Tender for the Lake Victoria Footbridge Replacement Project (T2020-43). The project is scheduled to start in January and be complete by the end of March 2021.

The scope of work includes removing the existing bridge, pier and abutments followed by the construction of the new abutments and the installation of a pre-fabricated steel truss bridge. In order to complete the in water works, this project has been scheduled over the winter months when the Lake Victoria water levels are lowered by the Upper Thames River Conservation Authority.

Given the typical winter temperature, the concrete abutments will be constructed during cold weather. The Ontario Provincial Standard Specifications (OPSS) 904 defines cold weather as conditions when the ambient air temperature is at or below 5°C. The OPSS set out cold weather measures that are required to be in place for concrete placement and for concrete curing. In order to meet this specification, the contractor has requested to operate a diesel-powered heater unit (Frost Fighter) or a diesel-powered generator with an electric heater 24-hours a day during the concrete placement and curing phases.

The contractors current schedule shows that 24-hour heat will be required from February 1<sup>st</sup> to 7<sup>th</sup>. These dates are approximate and will be updated closer to the execution of the work. The heating unit will be located at the footbridge location and will convey heat through ductwork. This bridge is in the Park Zone (P) and is surrounded by a residential neighbourhood zoned as Residential R2(1,2).

Noise By-law 113-79 prohibits the operation of any equipment in connection with construction in a residential zone from 7:00 p.m. to 7:00 a.m.

**Analysis:** The Frost Fighter manufacturer has indicated the Frost Fighter IDF-400-QR unit generates noise less than 65db. Similarly, the liquid cooled Genset (generator) model LPW4 specifications indicate a noise level of 67db. This is equivalent to a residential dishwasher.

The site is mainly surrounded by residential homes. The map provided in the attachment shows the residences that are within a 100m radius of the bridge. Additional notification will be provided with respect to the use of this equipment to those in the immediate area.

This project completion deadline is March 31, 2020. Providing this exemption will enable the contractor to reach the project final completion milestone.

**Financial Impact:** There is no financial impact to the City of Stratford.

### **Alignment with Strategic Priorities:**

#### **Developing our Resources**

Optimizing Stratford's physical assets and digital resources. Planning a sustainable future for Stratford's resources and environment.

**Staff Recommendation: THAT an exemption from Noise Control By-law 113-79 be granted to McLean Taylor Construction Limited to facilitate construction for the Lake Victoria Footbridge Replacement project, under the operation of construction equipment provision (Schedule 2 clause 5) from 7:00 p.m. to 11:59 p.m. and 12:00 a.m. to 7:00 a.m. on date(s) to be determined subject to the approval of the Director of Infrastructure and Development Services.**




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Nathan Bottema, Project Manager



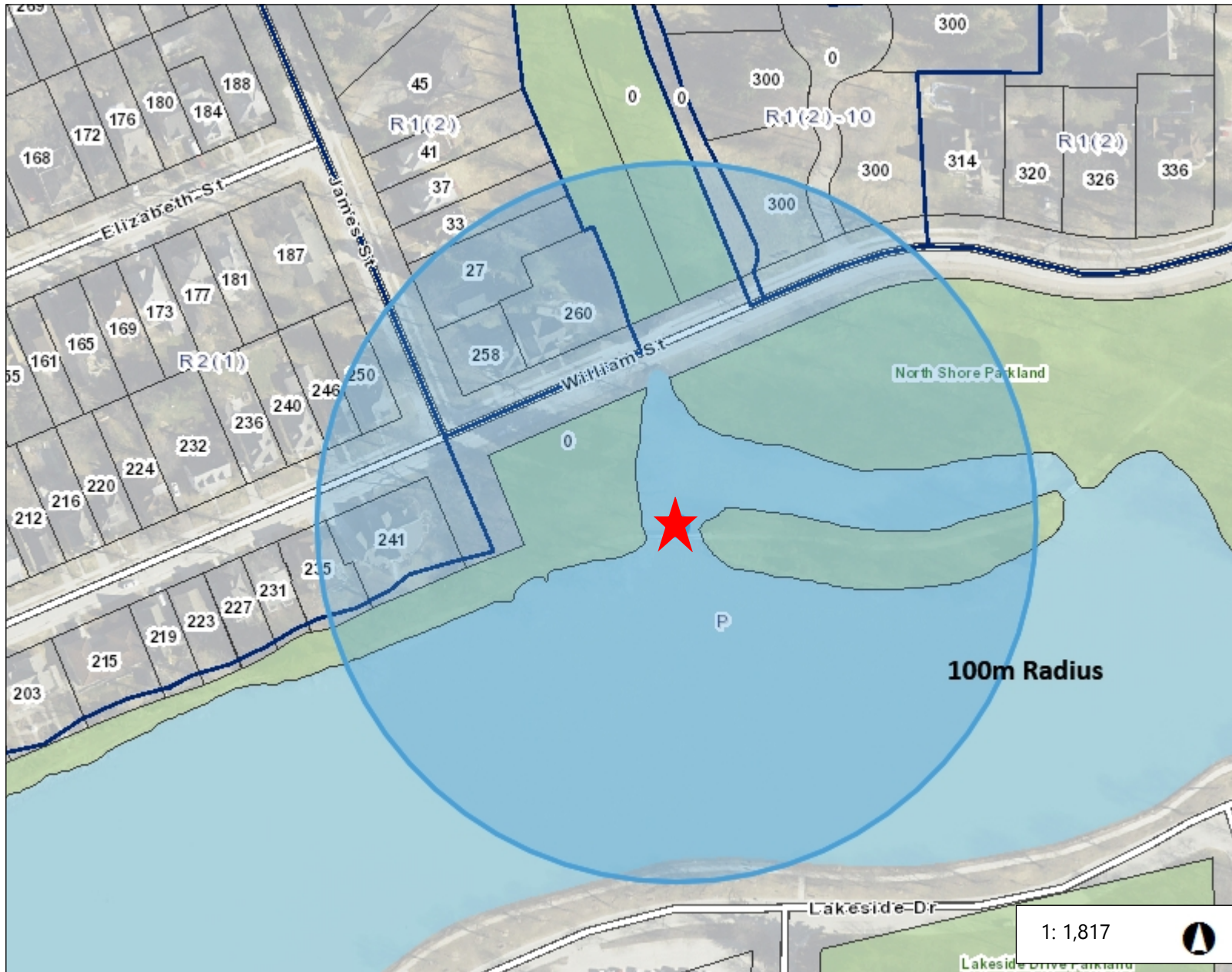

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Ed Dujlovic, Director of Infrastructure and Development Services




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Joan Thomson, Chief Administrative Officer



### Legend

- Zoning Area
- Property Parcel
- Avon River/Lake Victoria
- Parks
- Aerial 2015 20cm
- Footbridge Location
- 100m Radius from Footbridge

### Notes

1: 1,817



92.3 0 46.14 92.3 Meters

NAD\_1983\_UTM\_Zone\_17N

This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION