

**ADDITIONS TO THE COUNCIL MEETING
JULY 12, 2021
TOWNSHIP OF WILMOT COUNCIL AGENDA**

- 11. Consent Agenda – Item 11.4 Report PW 2021-015 Guide Rail Program
– Award of Contract**

Recommendation

THAT Item 11.4 be added to the agenda under CONSENT as Report PW 2021-015 Guide Rail Program – Award of Contract



PUBLIC WORKS AND ENGINEERING *Staff Report*

REPORT NO: PW 2021-015

TO: Council

SUBMITTED BY: Jeff Molenhuis, P.Eng., Director of Public Works & Engineering

PREPARED BY: Mark Jeffery C.E.T., Senior Engineering Technologist

REVIEWED BY: Sandy Jackson, Interim CAO

DATE: July 12, 2021

SUBJECT: **Guide Rail Program – Award of Contract**

RECOMMENDATION:

THAT RFT 2021-04 be awarded to Royal Fence Limited of Dorchester, Ontario for the Guide Rail Program, as per their bid submission dated July 9th, 2021, in the amount of \$429,859.85, plus HST.

SUMMARY:

This report outlines the tender process, funding source and recommends award of tender to the successful contractor for the replacement and installation of new guide rails at bridge and culvert structures in the Township as part of the Guide Rail Program.

BACKGROUND:

The roadside safety program was established in 2018, with annualized plans to undertake the design and complete the installation and major rehabilitation of guide rails at bridge and culvert structures according to the recommendations found within bi-annual OSIM Inspection Reports and in accordance with the Transportation Association of Canada for safe road operations.

The 2019 bridge safety inspections (OSIM) identified substantial guiderail construction requirements at bridge and culvert structure approaches. These guide rail installations are needed to ensure bridge and traffic operations safety.

Following the 2021 budget process, a prioritized list of bridge and culvert structures was developed based on road volumes, speeds, roadside environments, and available budget. The locations prioritized for completion in 2021 and included within this contract are the following:

1. Structure 22/C-T15 – Wilmot Centre Road
2. Structure 26/B-R2 – Huron Road
3. Structure 29/B-T14 – Puddicombe Road
4. Structure 20/B-T11 – Huron Road
5. Structure 7/B-T3 – Carmel-Koch Road
6. Structure 5/B-T3 – Berlett's Road
7. Structure 8/B-T3 – Carmel Koch Road (provisional)

A site map showing the location of the bridge and large culvert structures within the Township where the guide rail installation will occur has been included with this report.

REPORT:

On June 16th, 2021, the tender document was made available online through the Township's e-bidding site. There was a total of seven (7) plan takers, with a total of two (2) bids received at time of closing on July 9th, 2021.

The lowest bid received was from Royal Fence Limited of Dorchester, ON at a cost of \$429,859.85, plus HST. The low bidder has provided the appropriate bid bond documentation. References have been verified and appear to be satisfactory.

Results of the bids received are summarized below:

Bidder	Location	Bid Amount
Royal Fence Limited	Dorchester, Ontario	\$ 429,859.85
Peninsula Construction Inc	Fonthill, Ontario	\$ 478,450.57
<i>AVERAGE BID</i>		<i>\$454,155.21</i>

The above figures do not include HST. The bids also include a \$30,000 contingency allowance to compensate for any unforeseen expenses encountered during construction.

The construction schedule for this work is anticipated to be completed between August and October 2021 subject to the contractor's schedule. Any planned roadway closures to facilitate the work will be kept to a minimum and will be communicated to the public and service partners prior to the closure.

ALIGNMENT WITH THE TOWNSHIP OF WILMOT STRATEGIC PLAN:

This initiative supports the goals and strategies of enhancing:

- Responsible Governance through Active Communications, Fiscal Responsibility, and Infrastructure Investments.
- Quality of Life through Accessibility and Inclusivity, Active Transportation and Transit.

ACTIONS TOWARDS UNITED NATIONS SUSTAINABLE DEVELOPMENT GOALS:

Goal 9: Industry, Innovation, and Infrastructure
Goal 11: Sustainable Cities and Communities

FINANCIAL CONSIDERATIONS:

The combined budget for this project is outlined below:

Funding Source	Amount
General Levy (2019, 2020 and 2021 Capital Budget)	\$ 400,000
Total Budget	\$ 400,000

Given the tender amount of \$ 429,859.85, net of HST rebate, (including a \$ 30,000 contingency allowance) the Guide Rail Program is slightly over the anticipated budget.

The additional costs are largely due to significant cost increase for steel material for the production of the steel beam guide rail. During the construction process, best efforts will be given to manage the contingency allowance to align project expenses with budget constraints. The additional costs associated with this project, if any, will be reconciled with the overall capital expenditure statement at year-end.

ATTACHMENTS:

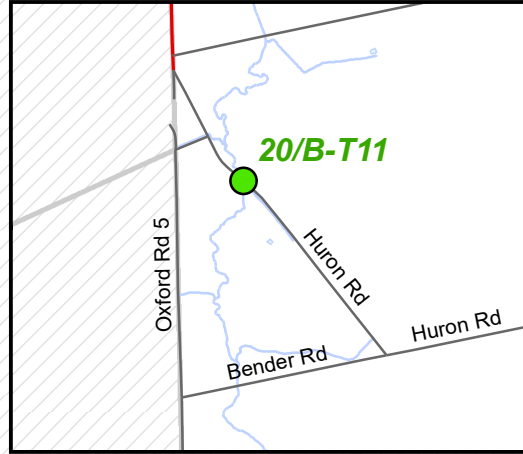
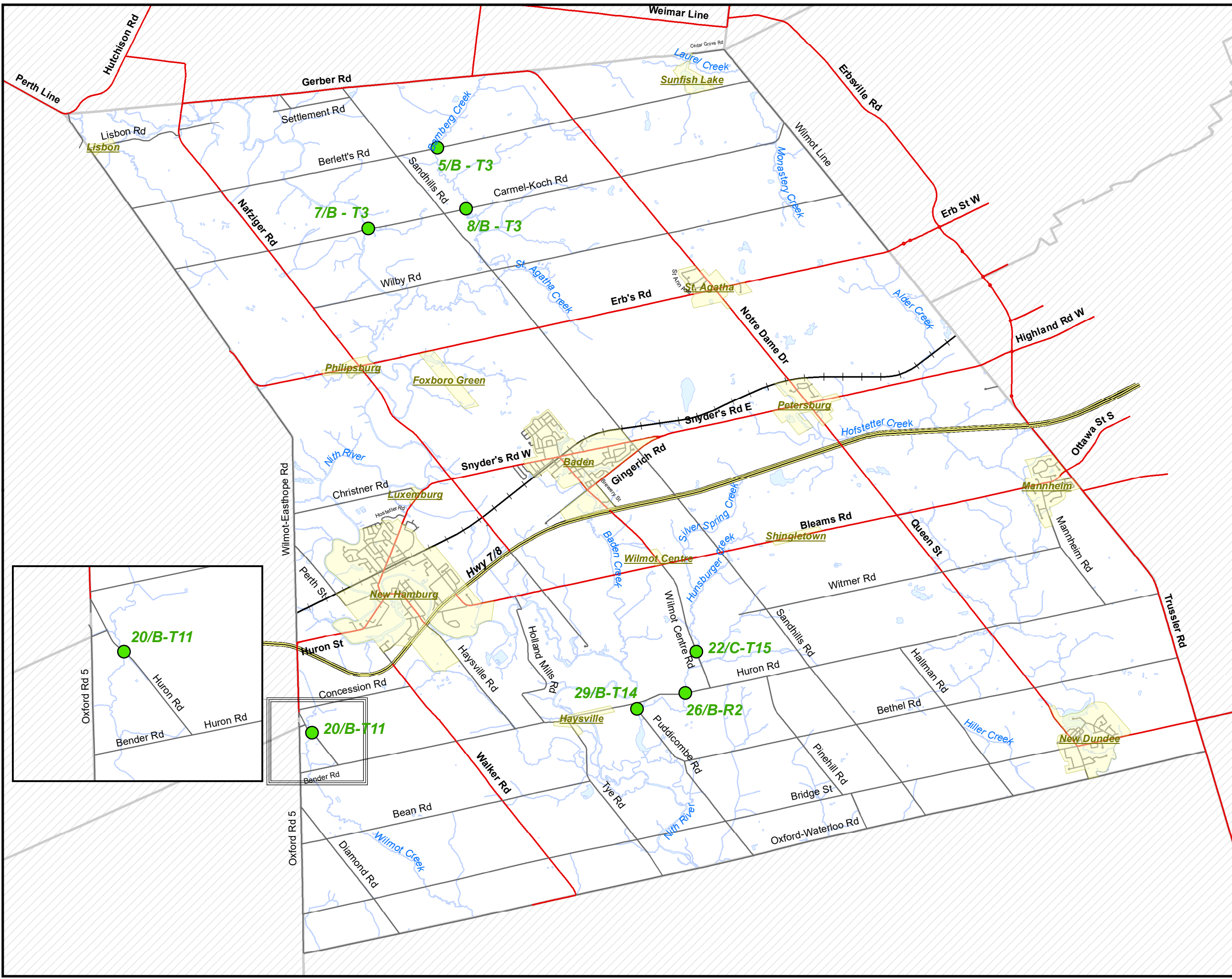
Figure 1 – Project Locations

2021 Guiderail Program Locations

June 2021



1:75,000



Legend

- Guiderail Locations
- + Settlement_Region
- Roads**
- Ministry of Transportation
- Region of Waterloo
- Wilmot
- Other Municipalities
- Railway
- Waterbodies
- Watercourses