



June 17, 2022
BTE Proposal P22-063

Dylan Sliter
Hammer and Nails Developments
161 Beckwith Street North
Smiths Falls, ON K7A 2C7
Email: construction@hammerandnailsdevelopments.com

Re: Traffic Impact Study and Noise Assessment Study for Proposed Development at 85 Wilson Street West in Perth, Ontario

Mr. Sliter,

BT Engineering Inc. (BTE) would be pleased to prepare a traffic impact study (TIS) and a noise assessment study in support of the proposed development located at 85 Wilson Street West, Perth, Ontario. Based on the submitted site plan, we understand that the development will be comprised of 16 residential units.

Our study will assess the traffic impacts of the proposed development and the requirement for roadway modifications to accommodate the land use. BTE will complete the work, which will include:

- Determination of site generated traffic (if the traffic is less than 100 vehicles/day, a traffic brief will be prepared instead);
- Obtaining available traffic data and conducting a field review of existing conditions;
- A review of existing and future background traffic conditions based on traffic data;
- A technical analysis using industry standard procedures to forecast trip generation and assignments for the development;
- An analysis with the proposed development in place to examine the performance of the transportation network and assess if roadway modifications would be required; and
- Complete documentation of the above in a concise report.

In addition, we will review the proposed parking stalls and provide a parking rationalization for the residential and commercial components of the site plan.

A provisional component will include the review of the sight lines, should it be requested by the Town.

A noise assessment is required for the development, which is within 300 m from a CN Rail Mainline. We will complete the noise impact assessment following the Ministry of Environment, Conservation and Parks Environmental Noise Guide (NPC-300) and CN's Guidelines. We proposed the following work program:

- Obtain rail volumes from CN Rail;
- Complete acoustical modelling based on traffic and rail volumes;
- Memorandum describing noise mitigation requirements, if required; and
- Consideration of CN Rail comments following report submission, if required.

Our overall budget to complete the proposed work is **\$13,500.00** excluding taxes. A breakdown of the tasks includes:

- Traffic Impact Study: \$6,500 (includes \$1,000 for the collection of traffic counts at Wilson Street/Harris Street South)
- Parking Rationalization: \$1,000
- Noise Assessment: \$6,000 (includes \$500 fee from CN Rail to obtain train volumes)

Should it be required, we will complete the sight line review for an additional **\$1,500** excluding taxes.

We will seek to obtain traffic counts from the Town. As per our company policy, we respectfully request a retainer cheque in the amount of **\$6,500.00**, made payable to BT Engineering Inc., prior to commencing any work. The retainer cheque can be mailed to our Ottawa office address below. We are prepared to begin work on the assignment immediately upon receipt of the retainer payment. The TIS will take approximately 4 weeks to complete and the noise assessment (which is dependent on the traffic volumes from the TIS) will take an additional 2-3 weeks (6-7 weeks total). Please do not hesitate to contact us if you have any questions.

Yours truly,



Daniel Riendeau, P.Eng.
Partner, BT Engineering Inc.