

INFORMATION DOCUMENT – PUBLIC NOTICE

RADIO COMMUNICATION TOWER IMPLEMENTATION PROJECT AT
LATITUDE, N 44° 21' 1.40"N, LONGITUDE, W 79° 37' 39.0"
833 Yonge St., Barrie, ON, L4N 6K7

March 26, 2019

CITY OF BARRIE
RECEIVED

MAR 27 2019

MAYOR'S OFFICE

Radio Coverage Objectives

Metrolinx wishes to implement a radio communication tower and antenna system at the Barrie South GO Station located at 833 Yonge St., Barrie, ON, L4N 6K7.

The coverage objectives for this installation are the following:

Metrolinx, the Province of Ontario's Transit Agency, is experiencing a significant service demand across its entire network.

To meet this demand, Metrolinx continues to enhance its train and bus routes, providing greater levels of service and options in and around Barrie. Extending the network of trains and buses, while supporting passenger and employee safety, also requires the expansion of its radio communications system

Evaluation of Existing Structures and Other Locations

Metrolinx makes every effort to locate tower sites where they will be the least visually obtrusive.

Other potential site locations were evaluated and opportunities to co-locate onto existing structures were investigated. During its site evaluation, Metrolinx was able to locate in its pre-determined search area, one existing tower with enough space capacity to install its equipment, however due to reasons outside of Metrolinx control, the collocation initiative was unsuccessful.

Metrolinx then set out to evaluate the feasibility of using the Barrie South GO Station to install its own communication tower.

The Location of the Proposed Site

The geographical coordinates of the proposed site are:

Latitude 44°21'1.40"N, Longitude 79°37'39.0"W

Metrolinx contacted the representative of the City of Barrie to ensure that they are aware of the proposed project and if there are any other concerns with the proposed location.

Metrolinx attests to the fact that the proposed site meets the corporation's technical criteria in their entirety, in addition to answering in an optimal way, the objectives of the coverage area.

We invite you to review **Annex 1** and **Annex 2** for additional site location information as well as **Annex 3** for visual simulations.

Description of the Equipment and Work Proposed

The site would occupy a secured, fenced off compound area of approximately 12m X 15m. The locked fence surrounding the compound will be approximately 2.1m in height.

The secured compound will contain a 70 meters tall radio tower, a prefabricated equipment shelter with the dimensions of 3.04m X 3.65m and a backup generator.

The shelter will contain radio equipment, backup battery power, maintenance tools and first aid kit.

The installation will also be equipped with a silent alarm system.

Furthermore, Metrolinx, in accordance with **ISED (Innovation, Science and Economic Development Canada)** rules and regulations, accepts to receive any co-location and tower sharing requests made by other licensed carriers.

Metrolinx could, to the extent where the equipment installed by any third party carrier does not create any interference or technical constraint with its equipment, agree to share the proposed site.

Current site conditions and site alteration requirements

As the proposed tower installation will be located within the existing Barrie South GO Station, there are no site alteration plans for access driveways or servicing lines.

Health Canada's Safety Code 6 Compliance

Radio communication, including the technical aspects related to broadcasting and licensing, falls under the jurisdiction of **ISED**, which is mandated to establish standards, rules, policies and procedures.

ISED, under this authority, has adopted Health Canada's Safety Code 6 exposure guidelines for the protection of the general public. As such, **ISED** requires all proponents and operators to ensure that their installations and apparatus comply with the Safety Code 6 at all times.

The wireless communications facility described in this notice will be designed and installed to comply with Health Canada's Safety Code 6 exposure guidelines.

Transport Canada's Aeronautical Obstruction Marking Requirements

Aeronautical safety is under the exclusive jurisdiction of **NAV Canada** and **Transport Canada**. An important obligation of Metrolinx installations is to comply with **Transport Canada** and **NAV Canada's** aeronautical safety requirements.

The radio antenna system described in this notice, will comply with **Transport Canada / NAV Canada** aeronautical safety requirements.

Respect of Engineering Codes and Principles

Metrolinx attests that all installations, work and structures, as part of the project mentioned herein, will be completed and erected in accordance with all applicable codes based on the highest standards of accepted engineering principles and construction practices.

Additional Information Regarding Antenna Structures

Additional information regarding antenna structures can be found at Innovation, Science and Economic Development Canada's website (<http://www.ic.gc.ca/towers>);

Telecommunication tower/antenna facilities are exclusively regulated by Federal legislation under the **Radiocommunication Act** and administered by Innovation, Science and Economic Development Canada. Therefore, Provincial legislation such as the *Planning Act*, including zoning by-laws, does not apply to these facilities. It is important to understand that **ISED**, while requiring proponents to follow the City of Barrie's Protocol for Consideration of Telecommunication Facilities, makes the final decision on whether or not a tower facility can be constructed.

The City of Barrie can only provide comments to **ISED**, and does not have the authority to stop the construction of a telecommunication tower/antenna facility.

Written comments should be submitted to:

Tony Mihocas

Senior Radio Equipment Officer

Tel: 416-553-2496

Email: tony.mihocas@metrolinx.com

Contact Information for the City of Barrie:

Edward Terry

Planner

The City of Barrie

Tel: 705-739-4220 ext. 5135

Email: edward.terry@barrie.ca

Contact Information for Innovation, Science and Economic Development Canada:

Innovation, Science and Economic Development Canada:

Central and Western Ontario District Office

Email: ic.spectrumcwod-spectredcoo.ic@canada.ca

Deadline for receipt of written comments is: April 26, 2019.

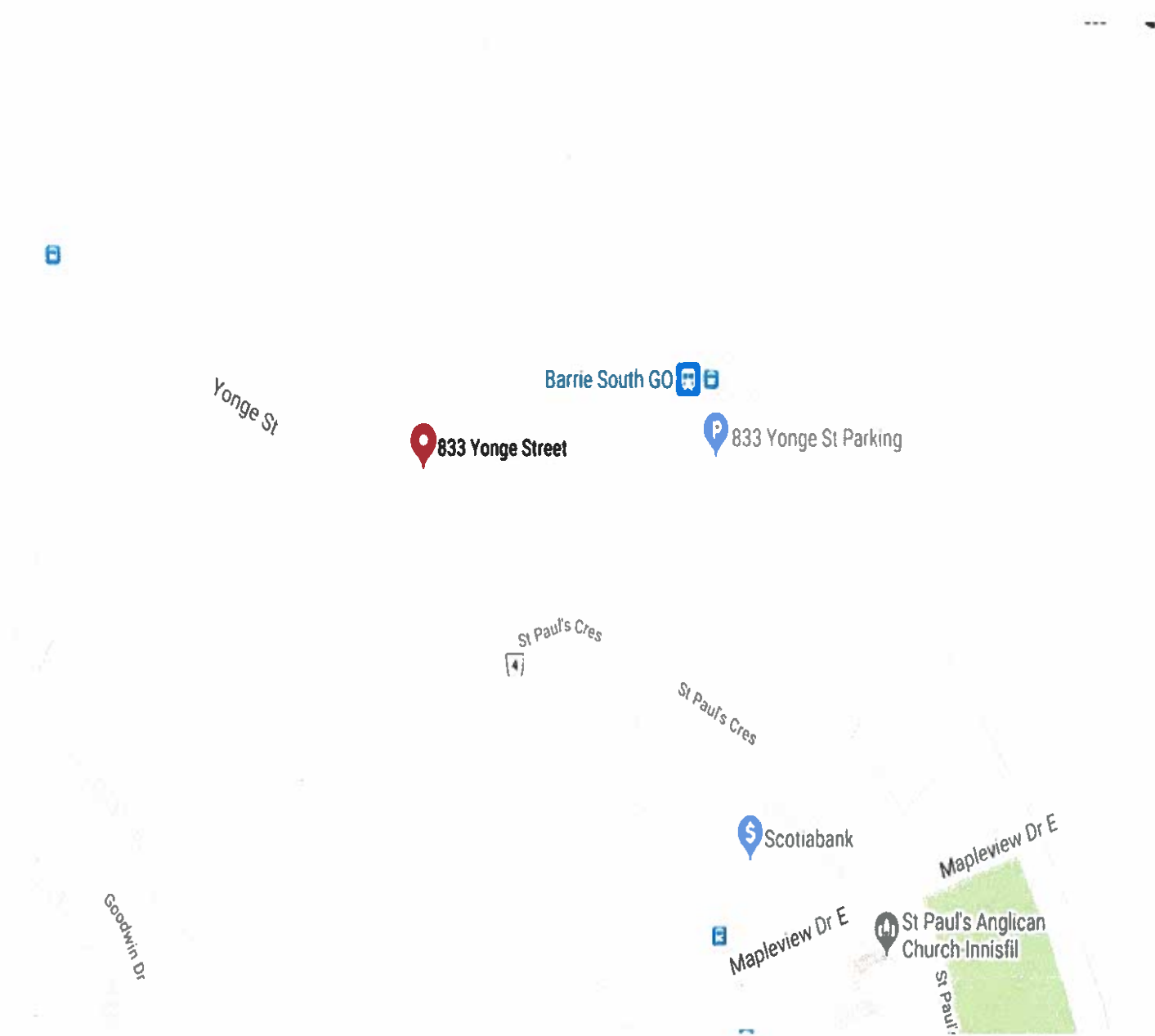
Public Open House

**A Public Open House has been scheduled for April 30th at 6:00PM at: St. Paul's Anglican Church located at:
54 St. Paul's Crescent, Barrie, ON, L9J 0E2**

The purpose of this Open House being held by Metrolinx is to allow the public to discuss the proposed location of the tower.

All decisions relating to this application will be made by Innovation, Science and Economic Development Canada.

Annex 1 – Site map



SUBJECT PROPERTY PLAN
PART 1
FOR REGD. - 5300 (S.O.)

PROPOSED COMPOUND LAYOUT PLAN
PART 1
FOR REGD. - 5300 (S.O.)

SITE LAYOUT DESIGN OF PROPOSED TELECOM TOWER INSTALLATION AT
833 YONGE STREET
BARRIE, ON
PART OF LOT 15
CONCESSION 12
COUNTY OF SIMCOE

SCALE
1" = 20'

J.D. BARNES LIMITED
ENGINEERING SERVICES
BARRIE, ONT.

NOTES

1. THE SITE LAYOUT DESIGN IS BASED ON THE INFORMATION PROVIDED BY THE CLIENT AND THE ENGINEER HAS NOT CONDUCTED A FIELD SURVEY OF THE SITE.
2. THE SITE LAYOUT DESIGN IS BASED ON THE ASSUMPTION THAT THE SITE IS CLEAR OF ALL OBSTRUCTIONS AND THE TOWER WILL BE INSTALLED IN THE CENTER OF THE SITE.
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TABLE

ITEM	QUANTITY	UNIT	PRICE	TOTAL
1. TOWER	1	EA	150.00	150.00
2. FOUNDATION	1	EA	100.00	100.00
3. ACCESS ROAD	1	EA	50.00	50.00
4. FENCE	1	EA	20.00	20.00
5. LIGHTING	1	EA	10.00	10.00
6. SIGNAGE	1	EA	5.00	5.00
7. TOTAL				335.00

LEGEND

- 1. TOWER
- 2. FOUNDATION
- 3. ACCESS ROAD
- 4. FENCE
- 5. LIGHTING
- 6. SIGNAGE
- 7. TOTAL

KEY PLAN
PART 1
FOR REGD. - 5300 (S.O.)

Annex 3 – Visual Simulation

