

What about health & safety?

Health and safety are paramount to Signum Wireless. Health Canada has established electromagnetic exposure guidelines, known as Safety Code 6, to ensure the safe operation of wireless antenna installations.

Signum Wireless ensures that all of its facilities operate well below the allowable limits measured, taking into account all pre-existing sources and combined effects of additional carrier co-locations; in fact, this site will be thousands of times below the allowable limits.

Signum Wireless and our clients attest that the radio antenna system described in this report will comply with Health Canada's Safety Code 6 limits, as may be amended from time to time, for the protection of the general public including any combined effects of additional carrier collocations and nearby installations within the local radio environment.

Signum Wireless attests that the installation will respect good engineering practices including structural adequacy.

Signum Wireless attests that the radio antenna system described in this notification package will be constructed in compliance with the National Building Code of Canada which includes all applicable CSA Radio Communications Regulations.

Regulatory and consultative procedures for telecommunications antennas can be found in Innovation, Science & Economic Development Canada's CPC 2-0-03 Issue 5 (updated in 2014).

Signum Wireless attests that the radio antenna system described in this notification package will comply with Transport Canada / NAV Canada aeronautical safety requirements. Signum Wireless has made all necessary applications to Transport Canada and NAV Canada. NAV Canada has given clearance and lighting or painting is not required. Transport Canada has yet to complete their review of the proposal.

Health Canada's Safety Code 6 can be read here: http://www.hc-sc.gc.ca/ewh-semt/pubs/radiation/radio_guide-lignes_direct/index-eng.php

What about the environment?

Signum Wireless attests that the radio antenna system described in this notification package is exempt from the *Canadian Environmental Assessment Act*.

How do I get involved?

Signum Wireless is committed to effective public consultation. You are invited to provide comments or inquiries to Signum Wireless about this proposal by mail, electronic mail, or fax. You are also invited to provide comments at a public information session to be online using Zoom on **November 29, 2021** between **5:30 p.m. and 7:00 p.m.**

Join Zoom Meeting

<https://us06web.zoom.us/j/88141880516>

Meeting ID: 881 4188 0516

One tap mobile

+16699006833,,88141880516# US (San Jose)

+19294362866,,88141880516# US (New York)

Dial by your location

+1 669 900 6833 US (San Jose)

+1 929 436 2866 US (New York)

+1 253 215 8782 US (Tacoma)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 346 248 7799 US (Houston)

Meeting ID: 881 4188 0516

In order to ensure your comments or questions are considered, you must respond by close of business (5:00p.m.) **November 28, 2021** to:

FONTUR International Inc.
Vallari Patel—Municipal Planner
70 East Beaver Creek Road, Suite 22
Richmond Hill, ON L4B 3B2
Fax: 866-234-7873
Email: ON1207.signum.info@fonturinternational.com

Your land use authority contact:

Township of Wilmot
60 Snyder's Road West, Baden, ON N3A 1A1
Phone: 519-634-8444
Email: planning@wilmot.ca

Your ISED/Federal Government contact

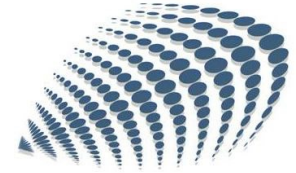
ATTENTION: Tower Issue - 1175 Huron Road, Wilmot ON-ON1207

Southwestern Ontario District Office
4475 North Service Road, Suite 100
Burlington, ON L7L 4X7
Telephone: 1-855-465-6307
Fax: 905-639-6551
Email: ic.spectrumswodo-spectrebdsoo.ic@canada.ca

For more information:

General information from Innovation, Science & Economic Development Canada (ISED):

<http://strategis.ic.gc.ca/antenna>



SIGNUM WIRELESS

Community Notification

For a 65m Telecommunication Tower

Located at:

1175 Huron Road , Wilmot, Ontario



Coordinates:
N43° 22' 28.0"
W80° 31' 25.4"

Site Code ON1207

Your local land use authority

Telecommunication tower/antenna facilities are exclusively regulated by Federal legislation under the Radiocommunication Act and administered by Innovation, Science and Economic Development (ISED) formerly known as Industry 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 requests of the Wilmot Planning Department, makes the final decision on whether or not a tower facility can be constructed. The Town's role is to provide comment on telecommunication towers to proponents and Innovation, Science and Economic Development (ISED).

The Federal Government has the exclusive jurisdiction to approve the licensing of towers. The requirement to consult can be found in ISED's document, Client Procedure Circular (CPC) 2-0-03.

The purpose of consultation, as outlined in CPC 2-0-03, is to ensure that land use authorities are aware of significant antenna structures and/or installations proposed within their boundaries and that antenna systems are deployed in a manner which considers local surroundings.

Signum Wireless is committed to consultation with the local land use authority and its residents in accordance with ISED's requirements. This public notification has been designed to provide all the necessary information as required ISED and by the Town of Wilmot to all abutting properties.

Where will it be located?

The proposed site of the tower is at 1175 Huron Road, approximately 205 meters South of Huron Road.

The geographic coordinates for the site are:
Latitude (NAD 83) N 43° 22' 28.0"
Longitude (NAD 83) W 80° 31' 25.4"

Signum Wireless strongly supports co-location on existing towers and structures. The use of existing structures minimizes the number of new towers required in a given area and is generally a more cost effective way of doing business. Unfortunately in this case, there were no existing structures in the area that were viable alternatives. The next-nearest tower is approximately 2.2km from the proposed location.

The proposed tower has the capacity to be shared by multiple service providers, eliminating the need for future tower infrastructure in the immediate area.

Why is a new tower required?

The purpose of the tower is to provide internet coverage to the surrounding residents, businesses and passerby traffic. A radio antenna and tower are the two most important parts of a radio communication system. The antenna is needed to send and receive signals for the radio station. The tower raises the antenna above obstructions such as trees and buildings so that it can send and receive these signals clearly.

Each radio station and its antenna system (including the tower) provide radio coverage to a specific geographic area, often called a cell. The antenna system must be carefully located to ensure that it provides a good signal over the whole cell area, without interfering with other stations. In areas where there are many cells, the antennas do not need to be very high. Where the cells are larger, the antennas must be higher above the ground level in order to provide good radio coverage for the whole area.

In this case, Signum Wireless' clients have determined the need for new antennas in the area in order to adequately provide contiguous internet coverage and service to customers in Wilmot. Signum Wireless chose this site to provide internet and also allow future telecommunication carriers to avoid problematic situations for customers such as poor voice and data quality, dropped calls, or even the inability to place a mobile call in the subject area.

What will it look like?

Signum Wireless is proposing a 65 metre self support tower to improve upon the overall poor internet coverage in your area and to provide space for the equipment of multiple service providers. The proposed facility would include one 12 x 12-metre fenced compound with chain-link and barbed wire-topped fencing installed around the base of the tower and equipment shelter(s), and would include one locked gate access point.

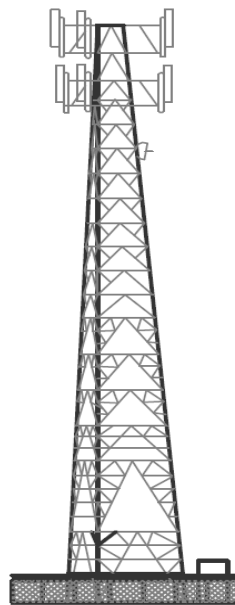


Photo Simulation of Proposed Tower

