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.

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

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. Both agencies have yet to complete their review of the proposal.

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.

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.

In order to ensure your comments or questions are considered, you must respond by close of business (5:00p.m.) **September 9th 2024** to:

FONTUR International Inc.
70 East Beaver Creek Road, Suite 22
Richmond Hill, ON L4B 3B2
Fax: 866-234-7873
Email: ON1727.signum.info@fonturinternational.com

Your ISED/Federal Government contact

ATTENTION: Tower Issue – 8361 Glendon Dr, Strathroy-Caradoc ON—ON1727

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

Your land use authority contact:

Kyra Bamlett,
Planning Assistant
Planning Department
Municipality of Strathroy-Caradoc
52 Frank Street, Strathroy-Caradoc, ON N7G 2R4
Phone: 519-245-1105x 246
Email: kbamlett@strathroy-caradoc.ca

For more information:

General information from Innovation, Science & Economic Development Canada (ISED):
http://strategis.ic.gc.ca/antenna

SIGNUMWIRELESS

Community Notification

For a 50m Telecommunication Tower

Located at:
8361 Glendon Dr,
Strathroy-Caradoc, Ontario

N0L 1W0.
Coordinates:
42.899555
-81.508826

Site Code ON1727

Your local land use authority

The Municipality's Planning division reviews telecommunication towers proposed within the Township using the established Protocol for Telecommunication Projects. The Municipality 's role is to provide comment on telecommunications 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.

Zoning by-laws and site plan approvals do not typically apply to these facilities, and a building permit is not required. Signum Wireless is committed to consultation with the local land use authority (the Municipality of Strathroy-Caradoc's planning division) and its residents in accordance with ISED's requirements.

This public notification has been designed to provide all the necessary information as required by ISED to those properties that fall within a circulation radius of 150m, measured from 8361 Glendon Road.

Location Map

Why is a new tower required?

The purpose of the tower is to provide cellular 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 coverage and service to customers in Strathroy-Caradoc. Signum Wireless chose this site to allow 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.

Where will it be located?

The proposed site of the tower is at 8361 Glendon Dr, Strathroy-Caradoc, Ontario, approximately 55 metres east of Glendon road and 170 metres South West of Rougham Rd.

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 1.5km from the proposed location.

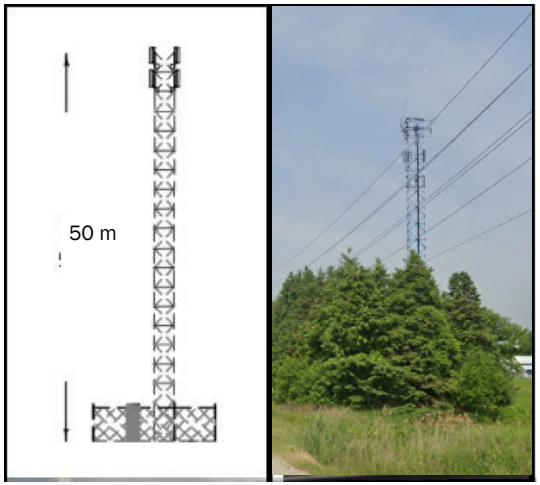
The proposed tower would be shared by multiple service providers, eliminating the need for future tower infrastructure in the immediate area.

What will it look like?

Signum Wireless is proposing a 50 metre lattice tri-pole tower to improve upon the overall poor coverage in your area and to provide space for the equipment of multiple service providers.

Below is a simulation showing the proposed tower.

Tower Simulation



Current Image of Property