



SIGNUM WIRELESS

May 9, 2022

Public Consultation Summary Report

Signum Wireless Telecommunications Tower Site

Cainsville Fire Station – 17 Ewart Avenue, Brant, ON



70 East Beaver Creek Road, Unit 22
Richmond Hill, ON, L4B 3B2
Phone: (647) 522-5781
Email: vallari.patel@fonturinternational.com



May 9, 2022

Ryan Cummins
Planner
Development Services Department
County of Brant
66 Grand River Street North, Paris, ON N3L 2M2
519-442-6324 ext. 3002

Re: Public Consultation Summary for proposed telecommunication tower ON1545 – 17 Ewart Avenue, Brant, ON

Dear Mr. Cummins,

Please be advised that the public commenting period for the proposed Signum Wireless telecommunication tower at **17 Ewart Avenue** has concluded. Throughout the commenting period starting **March 31, 2022**, and ending **May 2, 2022**, there were comments received from one member of the public (Appendix C).

We believe that Signum Wireless has demonstrated that the proposed wireless telecommunication facility meets the language and intent of Innovation, Science and Economic Development's (ISED) guideline document CPC 2-0-03 and the *Communication Tower and Communication Antenna Preferred Location Protocol*. In terms of our circulation to the County, we feel that all technical concerns and requirements received through and after the circulation have been addressed and no outstanding issues remain.

We feel that our proposal does not impede on the use and enjoyment of surrounding land uses. Signum Wireless believes it has completed the consultation process in accordance with ISED and the County of Brant's standards, and respectfully asks that the County issue a statement of concurrence.

If you have any questions or require any further information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Vallari Patel' with a long horizontal stroke extending to the right.

Vallari Patel
FONTUR International Inc.
On Contract to Signum Wireless Towers Inc.

Introduction

The following report is a follow-up to the Site Selection/Justification Report submitted to the County on February 9, 2022, regarding a proposed 60-metre Self-Support telecommunication tower at 17 Ewart Avenue, Brant. A public circulation has been undertaken in accordance with the *Communication Tower and Communication Antenna Preferred Location Protocol*.

Public Notification

The public was notified of the proposed tower in accordance with the County's Consultation Process and Innovation, Science and Economic Development's CPC 2-0-03.

Accordingly, residents and property owners within a radius of 180 metres (measured from the leased area) were sent an information brochure via regular mail (Appendix A) that was mailed out on February 28, 2022 and arrived on or before March 31, 2022.

A newspaper notice was published in the Branford Expositor on March 31, 2022 (Appendix B).

A notice signed was installed on the subject lands prior to March 31, 2022 (Appendix E).

A total of 82 property owners/agencies were contacted, an additional notice to Innovation, Science and Economic Development.

The commenting period from March 31, 2022, to May 2, 2022, was 31 days. The public consultation meeting was held online via ZOOM on May 4, 2022 (Appendix D).

Conclusion

As the public comment period has expired and that the public has not voiced objection to this installation, Signum Wireless is formally requesting that the County acknowledge this report as the conclusion of consultation procedures for this telecommunication tower and issue a letter of concurrence.

Should you have any further questions or concerns pertaining to the consultation process associated with this proposal please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read 'Vallari Patel', with a horizontal line extending from the end of the signature.

Vallari Patel
FONTUR International Inc.
On Contract to Signum Wireless Towers Inc.

Appendix A- Public Notification Brochure (Side 1)



SIGNUM WIRELESS

**Community
Notification**

For a 60m Telecommunication Tower
Located at:
17 Ewart Avenue, Brant ON



Coordinates:
N43°08'44.0"
W80°11'20.2"

Site Code ON1545

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 virtual public information session via Zoom on **May 4, 2022** between **5:30pm and 7:00pm**. To register, please email the address listed below.

In order to ensure your comments or questions are considered, you must respond by close of business (5:00p.m.) **May 2, 2022** to:

FONTUR International Inc.
70 East Beaver Creek Road, Suite 22
Richmond Hill, ON L4B 3B2
Fax: 647-522-5781
Email: ON1545.signum.info@fonturinternational.com

Your ISED/Federal Government contact

ATTENTION: Tower Issue – 17 Ewart Avenue, Brantford ON
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.spectrumswdo-spectrebdsoo.ic@canada.ca

Your land use authority contact

Ryan Cummins, Planner
County of Brant
66 Grand River Street North, Paris, On N3L 2M2
Phone: 519-442-6324 ext: 3002
Email: ryan.cummins@brant.ca

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

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.

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.ic.gc.ca/ewh-semt/pubs/radiation/radio_guide-lignes_direct/index-eng.php

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 co-locations 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-Q-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. Both NAV and Transport Canada have yet to provide clearance whether lighting or painting is required.

The proposed facility would include one 15-metre x 15-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.

Appendix A- Public Notification Brochure (Side 2)

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, do not apply to these facilities.

Zoning by-laws and site plan approvals do not typically apply to these facilities, and a building permit is not required.

It is important to understand that ISED, while requiring proponents to follow the *County of Brant Communication Tower and Communication Antenna Preferred Location Protocol*, makes the final decision on whether or not a tower facility can be constructed. The County of Brant's role is to review and 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 the *County of Brant Communication Tower and Communication Antenna Preferred Location Protocol*.

The purpose of consultation, as outlined in the protocol, 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 both ISED's and the County of Brant's requirements.

This public notification has been designed to provide all the necessary information as required by the County of Brant to all abutting properties that fall within a circulation radius of 500m.

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 the County of Brant. 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 17 Ewart Avenue, approximately 39m south of Ewart Avenue.

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.

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

The geographic coordinates for the site are:
Latitude (NAD 83) N 43° 08' 44.0"
Longitude (NAD 83) W 80° 11' 20.2"

What will it look like?

Signum Wireless is proposing a 60-metre self-support 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 photo simulation showing the proposed tower on the property of 17 Ewart Avenue.



Photo Simulation



View from Shaver Street looking Northwest towards proposed Signum tower. The photograph location is approximately 360 metres from tower location.

Appendix B- Newspaper Notice
(The Brantford Expositor on March 31, 2022)



PUBLIC NOTICE

TELECOMMUNICATION TOWER PROPOSAL

Signum Wireless, in accordance with its obligations under the *Radiocommunications Act* and Innovation, Science and Economic Development Canada procedure CPC-2-0-03 (2014), hereby notifies the residents in the vicinity Ewart Avenue and Brant 18 in the County of Brant of its intentions to develop a Telecommunication Tower at the location shown here consisting of :

- 60m Self-Support Telecommunication Tower
- Shelter at the Base
- Perimeter Security Fencing

The purpose of the proposed tower is to provide the infrastructure for carriers to improve wireless communication services in the immediate area.



Co-ordinates: N43°08'44.0", W80°11'20.2"

PLEASE TAKE NOTICE that the approval of telecommunication facilities and their design are under the exclusive jurisdiction of the Government of Canada through Innovation, Science and Economic Development Canada.

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.

To participate in the meeting on **May 4, 2022** from **5:30pm to 7:00pm**, please send an email to obtain your meeting login link. If you cannot attend the meeting, and want your comments or questions are considered, you must respond by (5:00p.m.) **May 2, 2022** to:
ON1545.signum.info@fonturinternational.com.

Signum Wireless - contracted to:

FONTUR International Inc.
70 East Beaver Creek Rd, Suite 22
Richmond Hill, ON L4B 3B2
Fax: 866-234-7873
Email:
ON1545.signum.info@fonturinternational.com

Land-Use Authority Contact:

Ryan Cummins, Planner
County of Brant
66 Grand River Street North, Paris, ON
N3L 2M2
Phone: 519-442-6324 ext: 3002
Email: ryan.cummins@brant.ca

Appendix C - Comments from the Public

From: [Vallari Patel](#)
To: [Angus Noseworthy](#)
Cc: [Ryan Cummins](#)
Subject: RE: Communication Tower Ewart Ave, Brantford
Date: May 4, 2022 5:40:00 PM

Hi Angus,

I wanted to let you know that the public meeting has started, and you are the only resident who registered for tonight.

Join Zoom Meeting

<https://us06web.zoom.us/j/82266630000>

Thanks,
Vallari

From: Vallari Patel
Sent: May 4, 2022 12:09 PM
To: Angus Noseworthy [REDACTED]
Cc: Ryan Cummins <ryan.cummins@brant.ca>
Subject: RE: Communication Tower Ewart Ave, Brantford

Hi Angus,

Telus shares the Bell network in Ontario. At this moment in time, we are still working with Bell to see if they want to collocate on to the tower.

Thanks,
Vallari

From: Vallari Patel
Sent: May 2, 2022 4:15 PM
To: Angus Noseworthy [REDACTED] >
Cc: Ryan Cummins <ryan.cummins@brant.ca>
Subject: RE: Communication Tower Ewart Ave, Brantford

Good afternoon Angus,

I am re-sending this email, as it may have not gone through the first time.

Please see below for the ZOOM log-in information.

I will also find out more information to see if Telus would possibly collocate on to the tower and get back to you.

Join Zoom Meeting

<https://us06web.zoom.us/j/82266630000>

Meeting ID: 822 6663 0000

One tap mobile

+12532158782,,82266630000# US (Tacoma)

+13017158592,,82266630000# US (Washington DC)

Dial by your location

+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)

+1 669 900 6833 US (San Jose)

+1 929 436 2866 US (New York)

Meeting ID: 822 6663 0000

Find your local number: <https://us06web.zoom.us/u/kcoMmlE7dS>

Warm regards,

The FONTUR International Team

From: Angus Noseworthy <[REDACTED]>

Sent: April 29, 2022 10:35 AM

To: ON1545.signum.info <ON1545.signum.info@fonturinternational.com>

Subject: Communication Tower Ewart Ave, Brantford

Good Morning. I was going over the pamphlet delivered to us about the erection of a communication tower at 17 Ewart Ave in Brant. Ontario. I would like to register for the Zoom meeting to see what people have to say about it.

I was also looking to see if Telus was scheduled to put a transmitter for their cellular service on the tower. Mostly because they changed things on their local towers and the signal for our company phones went from full bars at all times to 1 bar, 2 at best.

Thank you.

Best Regards,

Angus Noseworthy

[REDACTED]

- [REDACTED]

Appendix D – List of Public Consultation Meeting Attendees

Proponents:

Vallari Patel & Brendan Chiu

Planners

FONTUR International Inc. c/o SIGNUM Wireless Towers Inc.

70 East Beaver Creek Road Unit 22, Richmond Hill, ON L4B 3B2

647-522-5781

County of Brant Planner:

Ryan Cummins

Planner

Development Services Department

County of Brant

66 Grand River Street North, Paris, ON N3L 2M2

519-442-6324 ext. 3002

Member of the Public:

Angus Noseworthy

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Appendix E – Notice Sign



(END)