

PUBLIC INFORMATION PACKAGE

Celerity Telecom Inc

44m Self Supported Telecommunications Structure

8241 Hwy 11, Barwick, ON

Who is proposing a tower?

In response to significant demand for faster broadband services in this area, Celerity Telecom Inc is proposing to construct a new telecommunications tower installation to facilitate colocation for telecommunication infrastructure.

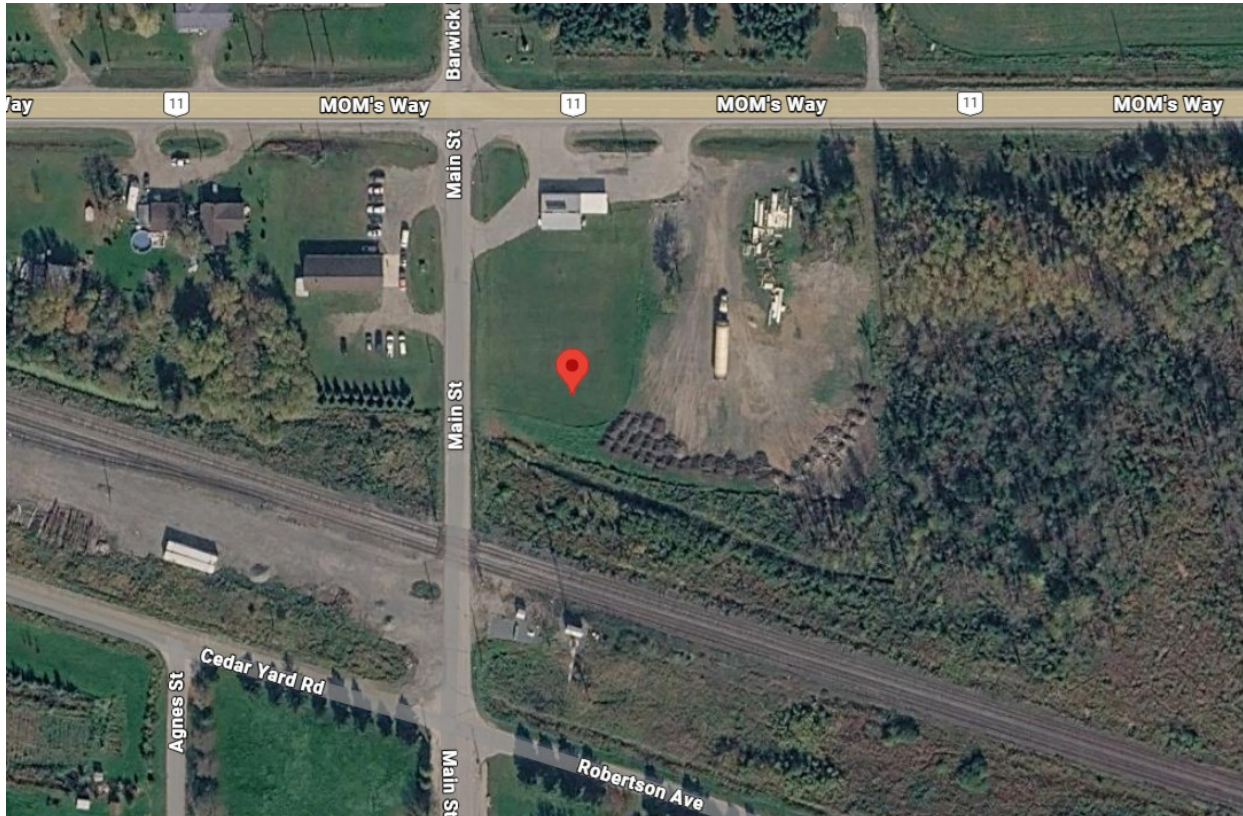
What is being proposed?

The proposed structure is a 44m tall self supported telecommunications structure with equipment cabinet.

Where is the tower proposed?

A telecommunications structure with equipment cabinets at its base is proposed on property located at 8241 Hwy 11, Barwick, ON. 48.648033, -93.984219

Location of Proposed Tower



Simulated Photo of Proposed Tower



Why is this installation needed?

There is an increased need and reliance for faster broadband speeds in the Barwick and surrounding areas. The proposed new installation will provide the town of Barwick with next generation fixed wireless broadband service capable of reaching speeds over 1Gbps (1000Mbps) to all residents and businesses in Barwick and surrounding areas.

Public Comments

The public commenting period closes April 30, 2026. Please reference "Barwick Tower" in your correspondence to the Applicant Contact.

Applicant Contact Information

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Local Land Use Requirement

Telecommunication tower systems are exclusively regulated by Federal legislation under the Radiocommunication Act and administered by ISED. 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 Municipal Protocol, makes the final decision on whether or not a tower system can be constructed. The municipality can only provide comments to ISED and does not have the authority to stop the construction of a telecommunications tower facility.

Health Canada's Safety Code 6 Compliance

Health Canada's role is to protect the health of Canadians, so it is the Department's responsibility to research and investigate any possible health effects associated with exposure to electromagnetic energy, such as that coming from cell phones and base stations. Health Canada has developed guidelines for safe human exposure to RF energy, which are commonly known as Safety Code 6.

All carriers placing their equipment on the tower must adhere to Health Canada's Safety Code 6 regarding radiofrequencies and maximum power input.

Celerity Telecom attests that the telecommunication tower system described in this notification package 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. For more information on Safety Code 6, please visit the following Health Canada site: www.healthcanada.gc.ca/radiation

Engineering Practices

Celerity Telecom attests that the telecommunication system as proposed for this site will be constructed in compliance with the Canadian Standard Association and comply with good engineering practices including structural adequacy.

Canadian Environmental Assessment Act

Celerity Telecom attests that the telecommunication system described in this notification package is excluded from environmental assessment under the Canadian Environmental Assessment Act, 2012 (CEAA 2012), as the telecommunication system is exempt from review.

Transportation Canada's Aeronautical Obstruction Marking Requirements

Celerity Telecom attests that the telecommunication system described in this notification package will comply with Transport Canada / NAV CANADA aeronautical safety requirements. When Transport Canada / NAV Canada have determined if any aeronautical safety features are required for the installation, such information will be made available for public review.

Public Disclosure of Comments

Submissions received shall form part of ISEDC's Public Consultation Process under the Spectrum Management and Telecommunications Client Procedures Circular CPC-2-0-03, Issue 5, and may be made public as part of a report issued to interested parties, the Municipality and ISEDC.