May 28, 2014

Eric Taylor, Manager of Development Approvals
Greater Sudbury
PO BOX 5000, STN ‘A’
200 Brady St.
Sudbury, ON P3A 5P3

Re: Rogers Communications Inc. – Information Package
Proposed 40m Monopole
Site: C4487 – LASALLE BLVD & LANSING AVE
Address: 1965 Lasalle Blvd., Greater Sudbury

Mr. Taylor,

Summit Telecom Services Inc. on behalf of Rogers Communications Inc. would like to submit this information package to Greater Sudbury along with the accompanying survey for Rogers proposed 40m monopole located at 1965 Lasalle Blvd, Greater Sudbury. Co-ordinates for the tower are 46 31 15.6N, 80 55 33.1W.

The approval authority for wireless telecommunication towers is within Industry Canada under the Radiocommunication Act. Industry Canada’s Radiocommunication and Broadcasting Antenna Systems – CPC-2-0-03, Issue 4, June 2007 outlines the process for the proponent to follow and encourages the establishment of policies from the land-use authority as they are best positioned to contribute to optimum siting of facilities to meet their own community needs. This site is located within the municipality of Greater Sudbury that established their own policy, Policy relating to Telecommunication Facilities, in January 2002 and revised September 2011. This policy will be followed for the municipal and public consultation for the proposed installation.

The proposed tower is considered a “significant structure” since it is greater than 16.6 metres in height and located less than 300 metres from a residential dwelling, Residential Zone or Living Area Official Plan Designation. This information package provides the following:

- Coverage Objectives
- Co-location Opportunities Considered
- Proposed Location, Tower and Site Details
- Nearest Residential Dwelling/Zone
- Proposed power output of the facility
- Site plan
As the proposed tower is considered “significant” all property owners within 120m (3*40m – monopole height) measured from the monopole will receive a mail notification using a mailing list provided by the Municipality. A public notice will also be published in The Sudbury Star on Saturday, June 7, 2014. The notifications will provide a minimum of 2 weeks’ notice of the public information session and 30 days’ for comments to be received by the proponent. A public information session will be held on Wednesday, June 25, 2014 at 7pm at the Lansing Avenue Baptist Chapel, 1192 Lansing Ave, Greater Sudbury. The last day to receive comments on this proposal is Friday, July 11, 2014. Included in this information package are samples of the mail notification and public notice with dates/location to be confirmed by the Municipality.

The purpose of the mail notification, public notice & public information session is to allow comments to be submitted by the local community and for the proponent to address all questions and concerns prior to moving forward with the project. At the end of the public consultation process, if the proponent is satisfied that it has addressed all relevant questions and would like to move forward with the installation a request for a letter of concurrence from the Municipality will be submitted along with all correspondence from the consultation process. The letter of concurrence from the Municipality will provide confirmation that the proponent has satisfied the consultation process by addressing all relevant questions and has consulted with the Municipality.

I trust the information included in this package will be helpful for the municipality’s consideration of this proposal.

Sincerely,

Jay Lewis
Summit Telecom Services Inc.
On behalf of Rogers Communication Inc.
Coverage Objectives

Rogers Communication Inc. continues to make large investments every year on improving their wireless network to expand their coverage or their capacity to handle increased traffic. The need to improve capacity is the result of increased demand for wireless services such as voice and data, as well as increased number of wireless users and devices such as tablets, portable internet hubs and smartphones.

Rogers wireless consumers will continue to experience dropped/failed calls, diminished speed of delivery for data services and possible dead zones with limited or no wireless services if Rogers does not address these coverage and capacity deficiencies.

Currently, Rogers Communications Inc. has four telecommunication towers in this area as shown in the image below that provides wireless services to the surrounding area.
Coverage maps are an excellent tool to illustrate signal strength for coverage as shown in the following maps of the existing sites and then with the proposed installation.

As seen in the existing sites image, the majority of this area has good or great in-building signal strength with the exception of an area along Falconbridge Rd., specifically the area of St. Charles College. The proposed location improves the signal strength for this area as seen in the second image as the green shading has been replaced with light/dark blue. It has also improved signal strength along Lasalle Blvd. and the surrounding area as represented with the dark blue shading.

What is not shown in these images is the capacity for each site. The addition of the proposed site will off-load traffic from adjacent sites; which improves wireless services not only in the immediate area of the proposed site but also the surrounding area of the existing sites.

- Light/dark blue shading that represents good in-building signal strength.
- Green shading represent good in-car or outside signal strength.
- Yellow/red shading represent limited signal
- No shading represents no wireless services
Co-location Opportunities Considered

As required by Industry Canada, other structures such as existing communication towers, water towers or buildings are considered prior to a new tower being installed to minimize the number of towers in a region. There are no existing structures of significant height that can be utilized in the immediate area and a new tower is required. Rogers Communication Inc. will consider all applications for future co-location to reduce the number of towers in the region.

Proposed Location, Tower and Site Details

- Proposed location: 1965 Lasalle Blvd., Greater Sudbury.
- Co-ordinates are: 46 31.15.6N, 80 55 33.1W.
- Property Description: PARCEL 32887 SECTION SUDBURY EAST SECTION; PART LOT 11 CONCESSION 5 NEELON PART 2 SR1511; SUBJECT TO LT876330; GREATER SUDbury

Rogers Communications Inc. is proposing a 40m monopole that will include equipment attached to the monopole that provides Rogers wireless services. The base of the monopole and the unmanned walk-in equipment cabinet will be fenced with 1.8m high chain link security fence topped with barbed wire. The size of this fenced off area is approximately 64 sq. metres.

Access to the site is from Lasalle Blvd. using an existing entrance to the commercial property and is set back 102m from Lasalle Blvd.
The proposed tower will comply with all rules and regulations set forth by Industry Canada that includes:

- Rogers Communications Inc. attests that the radio antenna system described in this information 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.

- Rogers Communications Inc. attests that the radio antenna system described in this information package is excluded from environmental assessment under the Canadian Environmental Assessment Act.

- Rogers Communications Inc. attests that the radio antenna system described in this information package will be constructed in compliance with the National Building Code of Canada and comply with good engineering practices including structural adequacy.

- Prior to installation, NAV Canada and Transport Canada must review and approve submitted assessment applications.

- The structure will meet Transport Canada’s aeronautical obstruction marking requirements (painting and/or lighting) as set out in Canadian Aviation Regulations, Standard 621 and can be provided once available.

Nearest Residential Dwelling/Zone

Nearest Residential Property is ~130m North of Proposed Monopole.
Proposed Power Output of Facility

Rogers Communication Inc. proposed three sectorized telecommunication facility is designed to transmit with a total ERP (Effective Radiated Power) of approximately:

For each sector:
- $700\text{MHz} + 850\text{MHz} = 3130\text{W (Max)}$
- $2100\text{MHz} = 1962\text{W (Max)}$
- $2600\text{MHz} = 2455\text{W (Max)}$

*****Power output of Rogers Communication Inc. telecommunication facility may be changed at any time with modification of equipment or addition of other carriers but will be in compliance with Health Canada’s Safety Code 6.
Mail Notification Package:  
Proposed Installation of a 40m Monopole  
Rogers Communication Inc. – C4487 – LASALLE BLVD. & LANSING AVE.

In accordance with Industry Canada’s federally regulated process, *Radiocommunication and Broadcasting Antenna Systems, CPC-2-0-03, Issue 4, June 2007*, Summit Telecom Services Inc. is inviting comments or requests for additional information on Rogers Communication Inc. proposed 40m monopole at 1965 Lasalle Blvd., Greater Sudbury. For more information on the Industry Canada regarding these installations please visit [www.ic.gc.ca/antenna](http://www.ic.gc.ca/antenna) or contact the local Industry Canada office listed at the end of this package.

In accordance with the Greater Sudbury *Policy Related to Telecommunication Facilities*, a public information session will be held at Lansing Avenue Baptist Chapel, 1192 Lansing Ave, Sudbury at 7pm on Wednesday, June 25, 2014. Any clarification, questions or comments can be submitted to Summit Telecom Services Inc. via mail, email or fax to the contact information listed at the end of this package. The final submission date is close of business Friday, July 11, 2014.

**Purpose**

- Rogers Communication Inc. continues to make large investments every year on improving their wireless network to expand their coverage or their capacity to handle increased traffic. The need to improve capacity is the result of increased demand for wireless services such as voice and data, as well as increased number of wireless users and devices such as tablets, portable internet hubs and smartphones.

- Rogers wireless consumers will continue to experience dropped/failed calls, diminished speed of delivery for data services and possible dead zones with limited or no wireless services if Rogers does not address these coverage and capacity deficiencies.

- Currently, Rogers Communications Inc. has four telecommunication towers in this area as shown in the image to provide wireless services to the surrounding area.

- The monopole will improve Rogers wireless services along Lasalle Blvd. & Falconbridge Ave. and the surrounding area.

![Map of Rogers Existing Sites and Proposed Tower](image-url)
Co-Location or Other Structures Considered

- As required by Industry Canada, other structures such as existing communication towers, water towers or buildings are considered prior to a new tower being installed to minimize the number of towers in a region. There are no existing structures of significant height that can be utilized in the immediate area and a new tower is required.

- Rogers Communication Inc. will consider all applications for future co-location to reduce the number of towers in the region.

Proposed Location, Tower and Site Details

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![Aerial Image of Proposed Location](image1.png)

![Example of 40m Monopole and Related Wireless Equipment](image2.png)

- Rogers Communications Inc. is proposing a 40m monopole that will include equipment attached to the monopole that provides Rogers wireless services. The base of the monopole and the unmanned walk-in equipment cabinet will be fenced with 1.8m high chain link security fence topped with barbed wire. The size of this fenced off area is approximately 64 sq. metres.

- Access to the site is from Lasalle Blvd. using an existing entrance to the commercial property and is set back 102m from Lasalle Blvd.
Health Canada
- Rogers Communications Inc. attest that the radio installation described in this notification package will be installed and operated on an ongoing basis so as to comply with Health Canada’s Safety Code 6, as may be amended from time to time, for the protection of the general public including any combined effects of nearby installations within the local radio environment.

Environmental Assessment
- Rogers Communications Inc. attest that the radio antenna system described in this notification package is excluded from environmental assessment under the Canadian Environmental Assessment Act, 2012.

Transport Canada
- The structure will meet Transport Canada’s aeronautical obstruction marking requirements (painting and/or lighting) as set out in Canadian Aviation Regulations, Standard 621 and can be provided once available.

Engineering Principles
- Rogers Communications Inc. attests that the radio antenna system described in this information package will be constructed in compliance with the National Building Code of Canada and comply with good engineering practices including structural adequacy.

Industry Canada
- General information relating to antenna systems is available through Industry Canada’s Spectrum Management and Telecommunications website http://www.ic.gc.ca/antenna.

Public Information Session:
Where
Lansing Avenue Baptist Chapel
1192 Lansing Ave, Greater Sudbury
When
Wednesday, June 25, 2014 at 7:00pm

Close of Comments:
Friday, July 11, 2014.

Contact Information:

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<thead>
<tr>
<th>Summit Telecom Services</th>
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<th>City of Greater Sudbury</th>
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<tbody>
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