

PUBLIC CONSULTATION

**PUBLIC NOTIFICATION
Proposed Wireless Telecommunications Installation**

**8266 Domagala Road, Prince George BC
Rogers Site: W6473**

July 20th, 2023

1. Introduction

Rogers is proposing to build a new wireless communications installation at 8266 Domagala Road, Prince George (the “**Proposed Installation**”), to fill significant wireless coverage gaps in your area and to fulfill the rising demand for wireless services.

This Proposed Installation is the subject of the public consultation. This notification package sets out important details about the Proposed Installation and invites the public to submit their written comments and concerns **by close of business day on August 27th, 2023.**

2. Purpose of the Proposed Installation

Based on recent feedback we have received from customers, as well as data we have collected on call quality in the area, Rogers determined that there are wireless coverage deficiencies in the northern areas of Prince George.

The Proposed Installation will correct this and enable us to reach the following objectives:

- Ensure continuous and uninterrupted coverage between existing telecommunications sites in the area targeted by this project;
- Provide fast and reliable cellular service to residents, businesses, merchants and visitors, both indoors and outdoors;
- Increase network capacity to meet the user’s growing demand for wireless services;
- Improve network quality to enable an exemplary customer experience for video calls (FaceTime, WhatsApp, Messenger, Instagram, Skype, Teams, etc.) and wireless data transmission;
- Achieve the best possible signal quality to support new technologies of advanced emergency services (E911).

To achieve the above mentioned, Rogers uses the latest 4G and 5G technologies that enable high speed data transmission for smart phones. This increased speed ensures superior quality and reliability during voice and video calls, videoconferencing and downloads.

3. Site selection

To enable both indoor and outdoor voice and video calls as well as downloads of the highest quality, it is necessary to install telecommunication infrastructures close to users. This proximity is paramount to establishing clear, reliable, and fast connections. In fact, the closer the antennas are to the users, the higher the quality of the signal, thus improving the customer's experience.

Rogers also evaluated the feasibility of installing its equipment on the following existing structures:

Structure	Location	Reason for disqualification
TELUS Tower	N 53.9892, W 122.785425	Rejected because it is not in a suitable location, nor is it of adequate height.
Rogers Tower	N 53.977228, W 122.766414	Rejected because Rogers' equipment is already installed on this tower.

During the evaluation of the search area, we evaluated the feasibility of installing our equipment on existing structures or buildings that met the height requirement, but none were suitable.

Rogers took great care to select a suitable site for the tower. The proposal is away from dense residential areas and the trees on site will disguise a portion of the tower from view. We identified the proposed location as the site of least impact to the community, while enabling Rogers to meet the desired cellular coverage goals.

Furthermore, Rogers accepts to receive any colocation and tower sharing requests made by other licensed carriers. Rogers could, to the extent where the equipment installed by any third-party carrier does not create any interference or technical constraint with its equipment, agree to share the proposed site.

4. Description of the Proposed Installation

The location of the Proposed Installation is described below:

Municipal address: 8266 Domagala Road, Prince George, BC

PID #: 006-321-267

Geographic coordinates: N 54.003573, W 122.814817

Zoning: Rural Residential
The City of Prince George has not adopted a tower bylaw

5. Description of the Proposed Antenna System

The Proposed Installation is composed of a 50-metre self-support telecommunications tower, including 6 initial antennas, and a 3m lightning rod. The entire facility is enclosed by a chain link fence restricting public access, occupying an area of 8.2m by 8.2m.

Model	Number of initial RRUs and antennas	Approximate Dimensions (in mm)	Height on tower	Technology (LTE or 5G)
FFB4S4-65B-R7-V2	6	2000 X 498 X 197	50m	LTE-5G
RRU	24	N/A	50m	

Please review the following appendices for additional information:

- Appendix 1: Location Map of the Proposed Installation
- Appendix 2: Site Plan of the Proposed Installation
- Appendix 3: Elevation Drawings of the Proposed Installation
- Appendix 4: Visual Simulation of the Proposed Project

6. Innovation, Science and Economic Development Canada's Regulatory Framework

(a) Innovation, Science and Economic Development Canada's role

The telecommunications industry is exclusively regulated under the Federal Radiocommunication Act and administered by Innovation, Science and Economic Development Canada.

Innovation, Science and Economic Development Canada has established a clear set of rules that wireless carriers must follow when looking to install or modify a tower or antenna system (*Client Procedures Circulars - CPC 2-0-03, Radiocommunication and Broadcasting Antenna Systems*).

While the City of Prince George has a significant role to play in the approval of a tower or antenna installation, the ultimate decision to approve a tower or antenna systems lies with Innovation, Science and Economic Development Canada.

(b) *Evaluation of existing structures*

According to Federal regulation, Rogers initially evaluated, in the search area, nearby towers and structures that could possibly be used to install its antennas. We determined conclusively that none of them had sufficient height or location to allow the additional equipment that would have enabled Rogers to achieve its coverage objectives; hence the need to install a new tower.

(c) *Consultation with the City of Prince George*

As part of article 4.1 under Innovation, Science and Economic Development Canada's *Client Procedures Circular*, Rogers must consult with representatives of the City of Prince George, as the land-use authority, and refer to their applicable local land-use and consultation requirements and any preferences it may have for tower-siting and/or design. The City of Prince George's concerns, preferences and suggestions were considered when planning the new antenna system.

7. Public Consultation

Since the City of Prince George does not have its own antenna tower siting protocol, Rogers is required to follow the default public consultation process set out in the Innovation, Science and Economic Development Canada Rules (CPC 2-0-03 — Radiocommunication and Broadcasting Antenna Systems).

Under this process, Rogers provides notices to all residents within three (3) times the tower height. If the proposed tower measures more than 30 meters, a public notice must be placed in the local newspaper. Copies of this Notification Package will be provided to the City of Prince George and to the local office of Innovation, Science and Economic Development Canada.

Citizens will be invited to provide feedback within 30 days of receipt of the public notification document. We will acknowledge receipt of any communications we receive from a member of the public within 14 days, and then provide a formal response within 60 days. After that, the public commentator will have a further 21 days to provide a reply.

After the public consultation process has been completed and we have addressed and resolved all reasonable and relevant concerns (and the public has not provided further comment within the 21 days), we will forward, to the City of Prince George, a letter stating that we have met our consultation requirements.

8. Other Regulatory Requirements

(a) *Health Canada's Safety Code 6*

Rogers attests that the radio antenna system for the Proposed Installation will be installed and operated on an ongoing basis so as to comply with Health Canada's *Safety Code 6* limits as it 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.

Additional information is available at the following Government of Canada websites and from other credible sources:

<https://www.canada.ca/en/health-canada/services/environmental-workplace-health/reports-publications/radiation/understanding-safety-code-6.html>

<https://www.canada.ca/en/health-canada/services/health-risks-safety/radiation/everyday-things-emit-radiation/cell-phones-towers.html>

<http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf11467.html>

<https://www.who.int/news-room/q-a-detail/radiation-5g-mobile-networks-and-health>

(b) *Environmental assessment - Impact Assessment Act (IAA)*

Rogers attests that the Proposed Installation is not located within federal lands nor is it incidental to, or form part of, projects that are designated under the *Regulations Designating Physical Activities* or by the Minister of the Environment as requiring an environmental assessment. Therefore, in accordance with the Impact Assessment Act (S.C. 2019, c. 28, s. 1), Rogers confirms that the Proposed Installation is excluded from environmental assessment.

Detailed information on the Impact Assessment Act (S.C. 2019, c. 28, s. 1) can be found at: <https://laws-lois.justice.gc.ca/eng/acts/l-2.75/page-1.html>

(c) *Aeronautical obstruction marking/lighting requirements and land use specifications*

At this time, Rogers has not received any aviation obstruction lighting or clearance specifications from Transport Canada nor from NAV CANADA for the land-use of proposed project, but applications have been submitted.

Should Transport Canada provide us with specifications that exceed those of Standard 621, these would take precedence over the ones indicated above and additional information would be provided to citizens.

Rogers also attests that the Proposed Installation will be installed and operated on an ongoing basis in compliance with existing and future Transport Canada aeronautical obstruction markings requirements. Furthermore, Rogers will respect all NAV Canada land use specifications.

For additional detailed information, please consult Transport Canada at:

<https://tc.canada.ca/en/corporate-services/acts-regulations/list-regulations/canadian-aviation-regulations-sor-96-433/standards/standard-621-obstruction-marking-lighting-canadian-aviation-regulations-cars>

<https://www.navcanada.ca/en/aeronautical-information/land-use-program.aspx>

(d) *Respect of engineering ethics and code of practice*

Rogers attests that the radio antenna system for the Proposed Installation will be constructed in compliance with the *National Building Code* and the structural standards contained in *CSA S37-18* (Canadian Standard Association), and will respect good engineering practices, including structural adequacy.

9. Innovation, Science and Economic Development Canada's Spectrum Management

The telecommunications industry is regulated by the Federal government, according to section 5 of the *Radiocommunication Act*. Hence, Rogers is obligated to follow the process outlined by Innovation, Science and Economic Development Canada when placing antenna systems thus enabling the Land-Use Authority of the municipality to be aware of the proposed project.

Finally, it is important to mention that the activities undertaken by Rogers are under the jurisdiction of the laws of the Parliament of Canada, which holds exclusive jurisdiction in regards to telecommunications matters.

Information concerning antennas systems can be found on the Spectrum Management and Telecommunications web site of Innovation, Science and Economic Development Canada at www.ic.gc.ca/towers.

To reach Innovation, Science and Economic Development Canada's local office:

Northern British Columbia and Yukon District Office

280 Victoria Street, Room 203

Prince George BC V2L 4X3

Telephone: 1-800-667-3780 or 250-561-5291

Fax: 250-561-5290

Email: spectrumprincegeorge-princegeorgespectre@ised-isde.gc.ca

(By appointment only)

10. Contact Information for Rogers Communications Inc.

Rogers Communications Inc.
c/o Cypress Land Services, Attn: Kristina Bell
1051 - 409 Granville Street, Vancouver, BC V6C 1T2
Email: publicconsultation@cypresslandservices.com
Phone: 604-620-0877
Fax: 604-620-0876

11. Contact Information for the City of Prince George

City of Prince George
Kali Holahan, MPlan, RPP, MCIP
A/Manager, Development Services
Planning and Development
1100 Patricia Blvd, Prince George, BC V2L 3V9
Phone: 250-561-7791
Email: kali.holahan@princegeorge.ca

12. Invitation for Public Comments

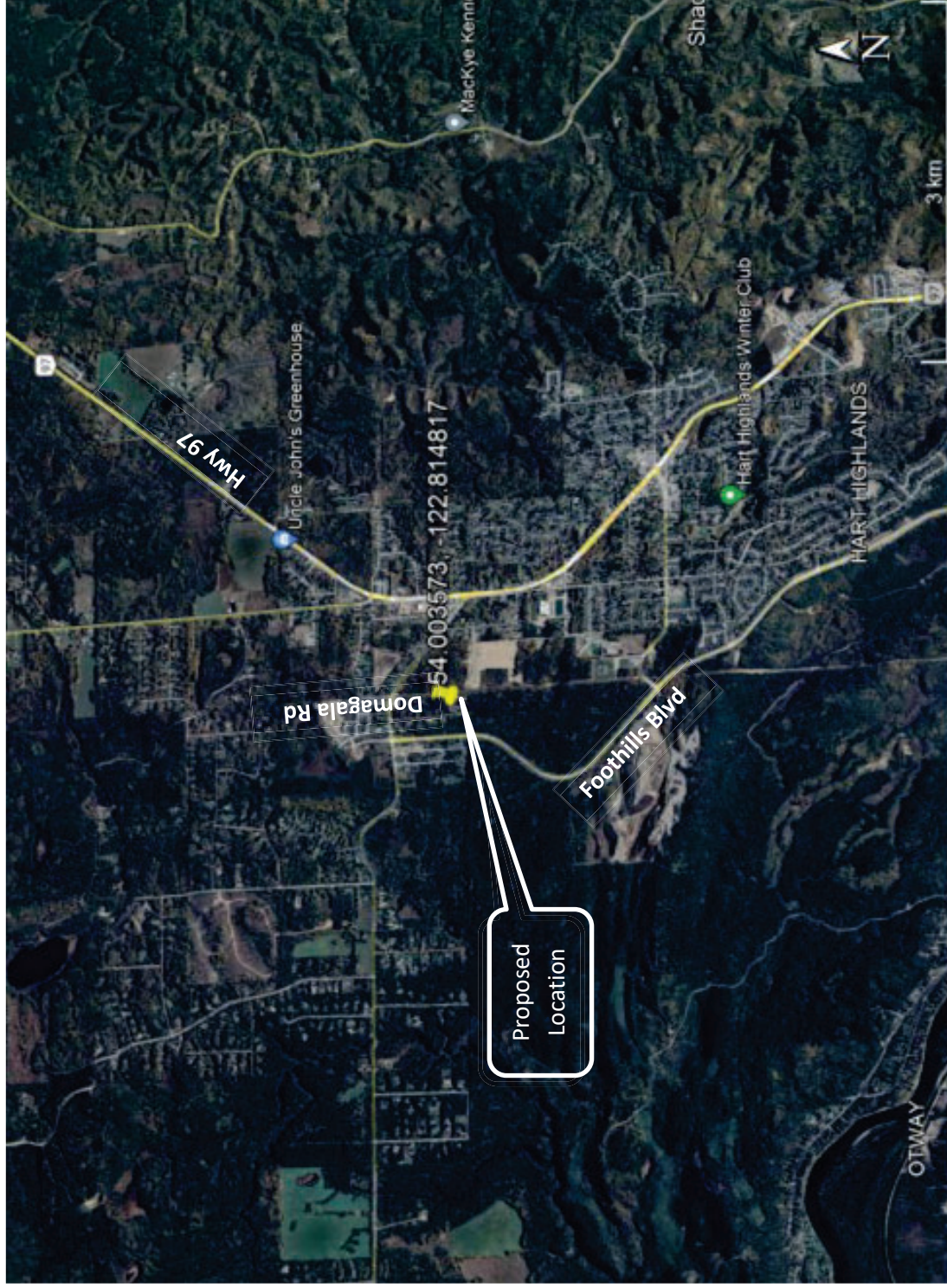
Members of the public are invited to provide their comments to Rogers about the Proposed Installation by mail, email, or phone.

To be considered part of this public consultation, comments must be received **by close of business on August 27th, 2023.** Please send your comments to:

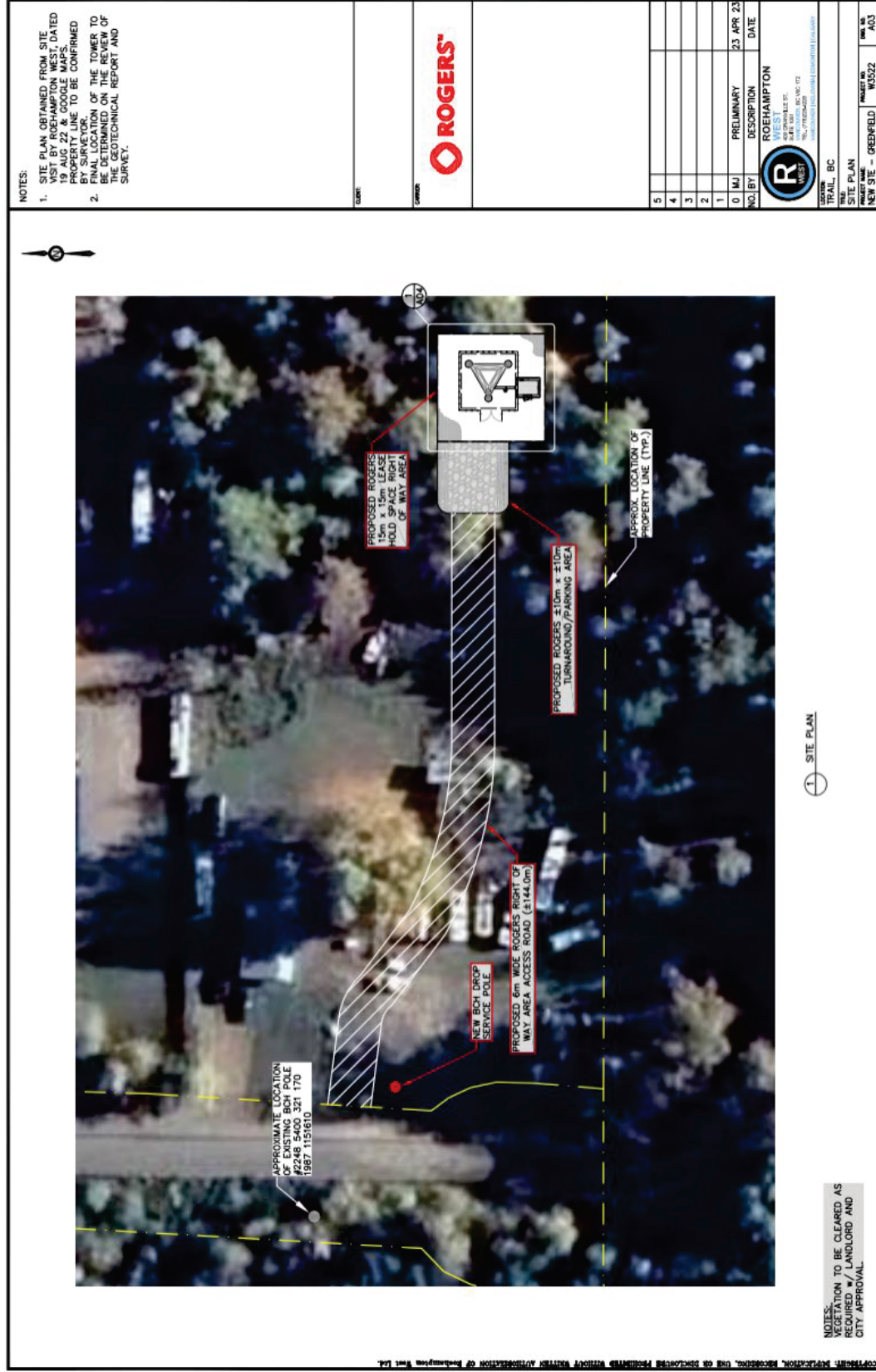
Proposed Wireless Communications Installation
Reference: W6473

Cypress Land Services
Kristina Bell
Email: publicconsultation@cypresslandservices.com
Phone: 604-620-0877

Appendix 1: Location Map of the Proposed Installation



Appendix 2: Site Plan of the Proposed Installation



Appendix 4: Visual Simulation of the Proposed Installation

