

ROGERS™

Your World Right Now

Public Consultation – Wireless Telecommunications Tower Site

South Side of Elgin Mills Road (Between Hwy 48 & 9th Line)

**Rogers Communications
8200 Dixie Road
Brampton, ON
L6T 0C1
Phone: (647) 747-4909**

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Purpose

Background & Coverage Requirement

The selection of a wireless telecommunications site works similarly to fitting a piece into a puzzle. In this case, the puzzle is a complex radio network, situated in a rural setting. Client demand, radio frequency engineering principles, local topography and land use opportunities working in concert with one another direct the geography of our sites. In order to achieve a reliable wireless network, carriers must provide a seamless transmission signal to alleviate any gaps in coverage. Gaps in coverage are responsible for dropped calls, and unavailable service to clients. Rogers would utilize the following proposed site locations in order to provide high quality network signal for its high speed wireless voice and data network.

Wireless carriers constantly strive to improve coverage and network quality for the sake of their clients. In the recent past, due to subscriber feedback, our Network Planning and Engineering departments have become aware of coverage deficiencies within the area of Hwy 48 & Elgin Mills Road.

This is a topographically challenging rural area and the wireless coverage deficiencies are recognized by the Rogers network. In consultation with the Town of Markham, Rogers has surveyed the area of Hwy 48 and Elgin Mills Road and has identified a proposed site which will achieve the necessary engineering coverage objectives for its network. Unfortunately, there were no existing structures which could have been utilized in the area requiring network coverage.

Proposed Site Location

Site Name - Hwy 48 & Elgin Mills Road

The location which Rogers proposes for a wireless telecommunications site in the area of Hwy 48 & Elgin Mills Road is on a vacant parcel of land on the south side of Elgin Mills Road between the MetroLinx Railway and 9th Line.

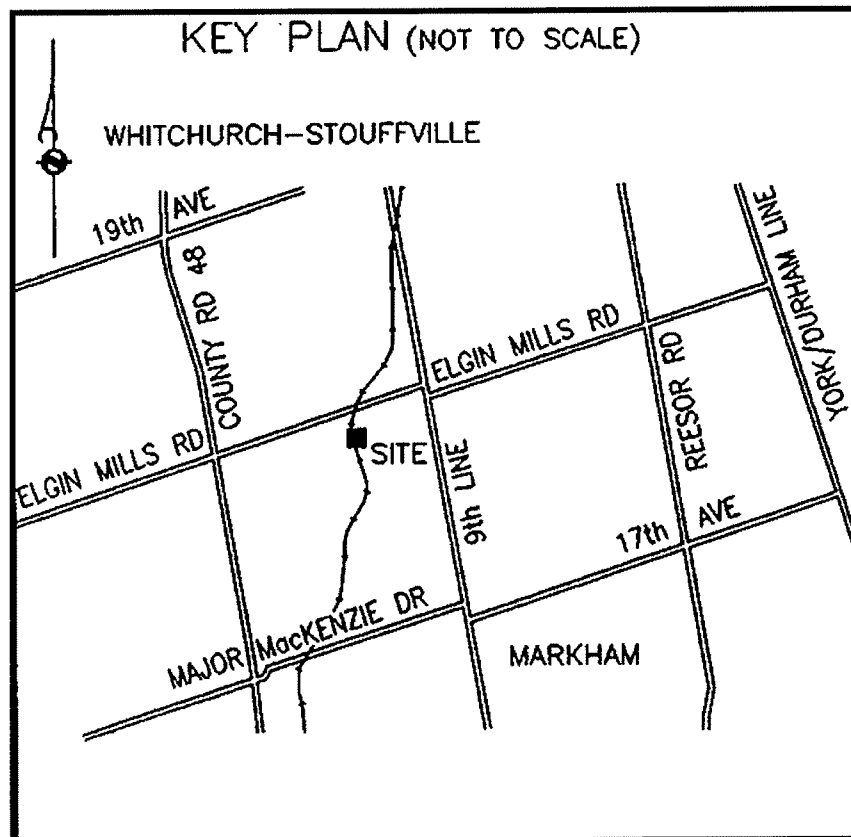
The property's legal description is: Part of Lot 25, Concession 8, Town of Markham.

The site itself is located approximately 227 metres south of Elgin Mills Road along the east side of the MetroLinx rail line. It is about 680 metres west of 9th Line.

The geographic coordinates for the site are as follows;

Latitude (NAD 83) N 43° 55' 46.9"

Longitude (NAD 83) W 79° 15' 23.0"



Health Canada's Safety Code 6 Compliance

Rogers attests that the radio antenna 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 collocations and nearby installations within the local radio environment.

Control of Public Access

The site facility would include one locked, alarmed and electronically monitored mechanical equipment shelter. Fencing would be installed around the base of the tower and equipment shelters and would include one locked gate access point.

Canadian Environmental Assessment Act

Rogers attests that the radio antenna system described in this notification package will comply with the *Canadian Environmental Assessment Act*. As this facility meets all of the exclusions for an assessment, no environmental assessment is required.

Description of Proposed System

The proposed site for the Hwy 48 & Elgin Mills area is a wireless self-support (lattice style) communications tower, 50 metres tall and would occupy a ground compound area of 297 sq.m.

Rogers proposes to install:

- 3 - initial Andrew panel antennas
- 3 - future Andrew panel antennas
- 1 – UHX4-107 transmission dish

The tower would initially provide wireless voice and data services for subscribers to the Rogers network.

A copy of Rogers' surveyed site plan and a photo-simulated image package of the installation have been attached for your reference and information.

Transport Canada's Aeronautical Obstruction Marking Requirements

Rogers attests that the radio antenna system described in this notification package will comply with Transport Canada / NAV Canada aeronautical safety requirements. Rogers has made all necessary applications to Transport Canada and NAV Canada.

At this time, Rogers has received an Aeronautical Obstruction Clearance Form from Transport Canada stating that the proposed installation would require marking as per the CAR 621.19 Standards Obstruction Markings. The aforementioned standards provide for two (2) marking scenarios to choose from;

- 1) The tower may be painted in alternate sections of international orange and white, and lit during the night using a combination of steady burning aviation red lights and flashing aviation red beacons
- 2) The tower may be left unpainted in a galvanized steel finish where a medium intensity white flashing obstruction lighting system is operated 24 hours a day.

For additional detailed information, please consult Transport Canada at: (<http://www.tc.gc.ca/CivilAviation/Regserv/Affairs/cars/PART6/Standards/Standard621.htm>)

Engineering Practices

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

Local Land Use Requirements

Wireless Facilities are exclusively regulated by the Federal Government and as a result are not required to obtain municipal permits of any kind.

The Town of Markham has a Council adopted policy/protocols relevant to Rogers' proposal. In fulfillment of the Town of Markham's request to minimize the total number of telecommunications towers in an area efforts were made to identify possible collocation opportunities. As none exist within the required area, future sharing opportunities will exist on the proposed structure.

In fulfillment of the Town of Markham's request to hold a community information session, ***Rogers will hold an information session on Wednesday, November 24, 2010 anytime between 7:30pm to 9:00pm at the Markham Civic Centre, Ontario Room, 101 Town Centre Boulevard, Markham, ON.***

Industry Canada's Spectrum Management

Please be advised that the approval of this site and its design is under the exclusive jurisdiction of the Government of Canada through Industry Canada.

Rogers Communications is participating in this circulation in accordance with Industry Canada's guidelines CPC-2-0-03 and the Town of Markham's *Policy for Establishing Telecommunication Towers*.

For more information on Industry Canada's public consultation guidelines including CPC-2-0-03 contact (<http://www.ic.gc.ca/epic/site/smt-gst.nsf/en/sf08777e.html>)

or the local Industry Canada office at spectrum.toronto@ic.gc.ca,

Toronto District Office

Room 909, 9th Floor
55 St. Clair Avenue East
Toronto, Ont.
M4T 1M2
Phone: (416) 973-8215

General information relating to antenna systems is available on Industry Canada's Spectrum Management and Telecommunications website (<http://www.ic.gc.ca/epic/site/smt-gst.nsf/en/home>)

Contact Information

Rogers is committed to effective public consultation. The public is invited to provide comments to Rogers Communications about this proposal by mail, electronic mail, phone or fax. Please send your comments to the address below by the close of business December 15, 2010:

Rogers Communications
8200 Dixie Road,
Brampton, Ontario, L6T 0C1
Attn: Terri Daniels
E-mail: terri.daniels@rci.rogers.com
Fax: (647) 747-4600
Phone: (647) 747-4909

Contact Information – Land Use Authority

Stacia Muradali, Planner
The Corporation of the Town of Markham
Planning Department
101 Town Centre Blvd
Markham, ON L3R 9W3
Fax: (905) 479-7773
Phone: (905) 477-7000 ext 2008

Public Comment Record

Proposed Wireless Communications Installation – C3811 - Hwy 48 & Elgin Mills Rd

Rogers Communications

Site Address: South Side of Elgin Mills Rd (west of 9th Line),
Markham, ON
Part of Lot 25 Concession 8

Name:

Address:

Telephone:

E-mail:

Comments

To be considered part of this consultation, comments must be received by close of business December 15, 2010. Please forward your comments to:

Rogers Communications

c/o Terri Daniels

8200 Dixie Road, Brampton, ON L6T 0C1

Fax: 647-747-4600 **Phone:** 647-747-4909 **E-mail:** terri.daniels@rci.rogers.com

Continue on reverse if required...

* Comments received shall form part of Industry Canada's Public Consultation Process under the Spectrum Management and Telecommunications Client Procedures Circular CPC-2-0-03, Issue 4, and will be made public as part of a report issued to the Town of Markham and Industry Canada.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

**TOWN OF MARKHAM
PUBLIC OPEN HOUSE NOTICE
PROPOSED COMMUNICATIONS TOWER INSTALLATION**

Take notice Rogers Communications will hold a public information Open House on Wednesday November 24th, 2010 anytime between 7:30 pm and 9:00pm at the Markham Civic Centre, Ontario Room, 101 Town Centre Boulevard, Markham.

PURPOSE OF PUBLIC INFORMATION SESSION

The purpose of the Public Information Open House is to allow the public, Town of Markham and the applicant to exchange information. The Town of Markham has no jurisdiction in this matter other than as a commenting body to Industry Canada and the applicant.

LOCATION OF SUBJECT LANDS

The proposed site is located south of Elgin Mills Road – west of 9th Line and along the easterly limit of the Metro Linx rail line. (Part of Lot 25, Concession 8). The site is approximately 227 metres south of Elgin Mills Road on the east side of the railway.

PROPOSED INSTALLATION

The purpose of the installation is to provide improved wireless service in the area of Highway 48 and Elgin Mills Road and the surrounding area.

The proposed telecommunications tower is 50 metres high and is a self-support (lattice style) tower. The installation will also contain an equipment shelter located at the base of the tower. The tower base and equipment will be surrounded by a chain link fence.

REPRESENTATION

Any person may attend the meeting and make written and / or verbal representation with respect to the proposed development. Additional Information relating to the proposed installation is available for inspection at the Town of Markham Planning and Development Department during regular business hours.

Terri Daniels
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Brampton, Ontario
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