

C7709: Proposed 90m Guyed Tower Telecommunication Site

Address: 1275 Alderdale Road, Chisholm,
Ontario

September 12, 2023

Public Meeting will commence at **7:00pm.**

Presented by:

Jay Lewis

Forbes Bros. Ltd. on behalf of Rogers Communication Inc.



Network Overview – Intro, Existing Network and Coverage Maps

Site Details – Location, Access & Power, Tower & Compound

Visuals: Photo Rendering & Drone Photography

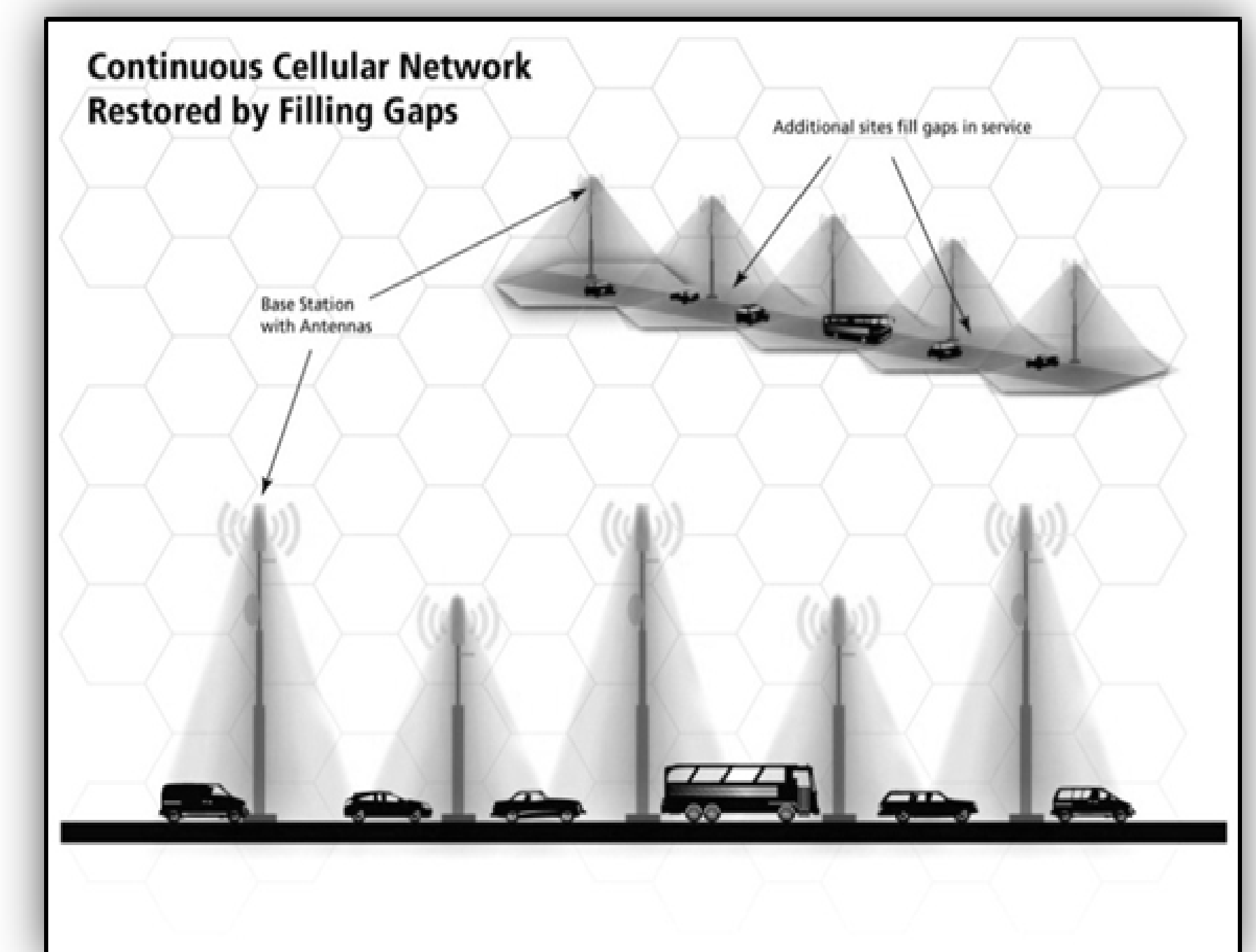
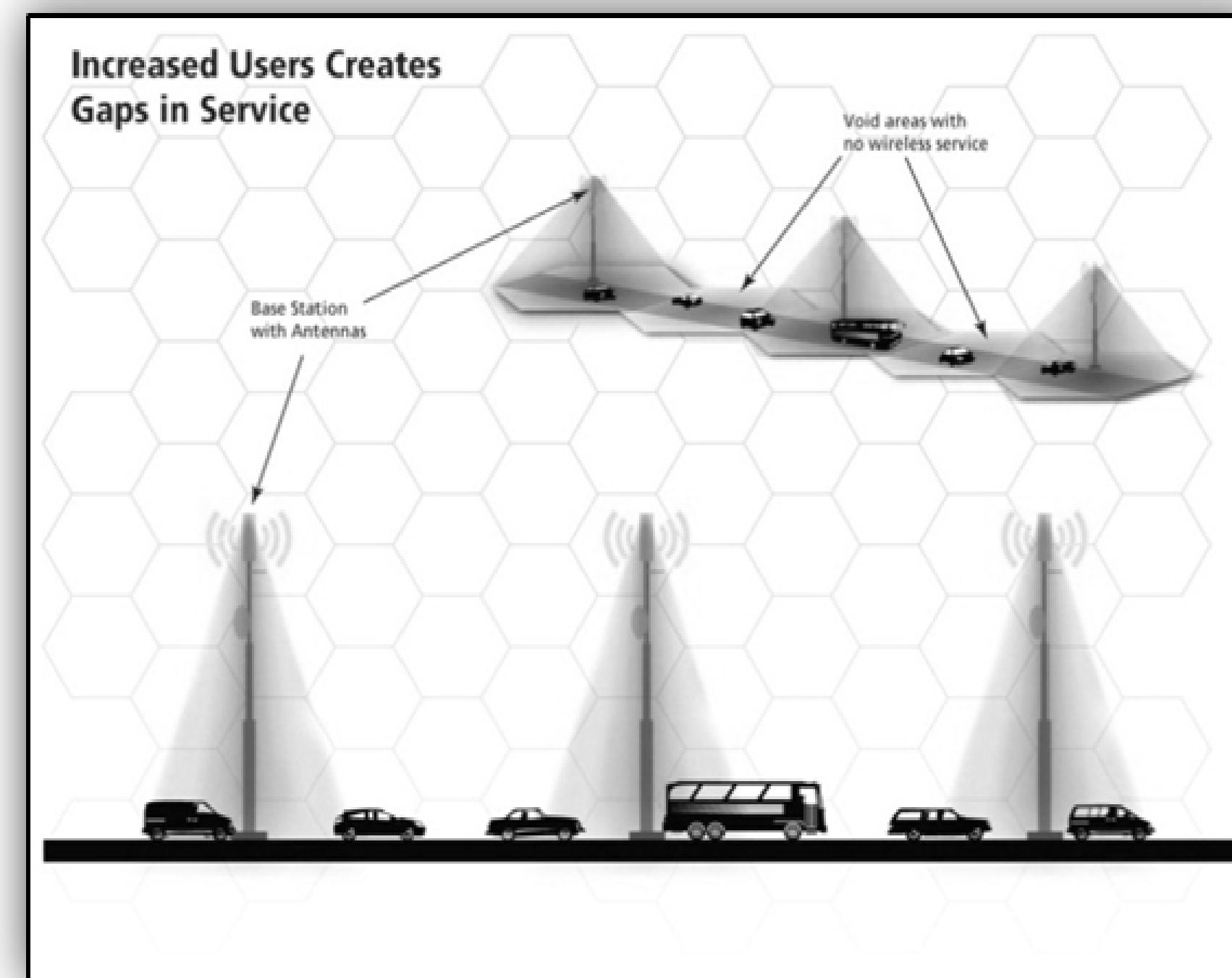
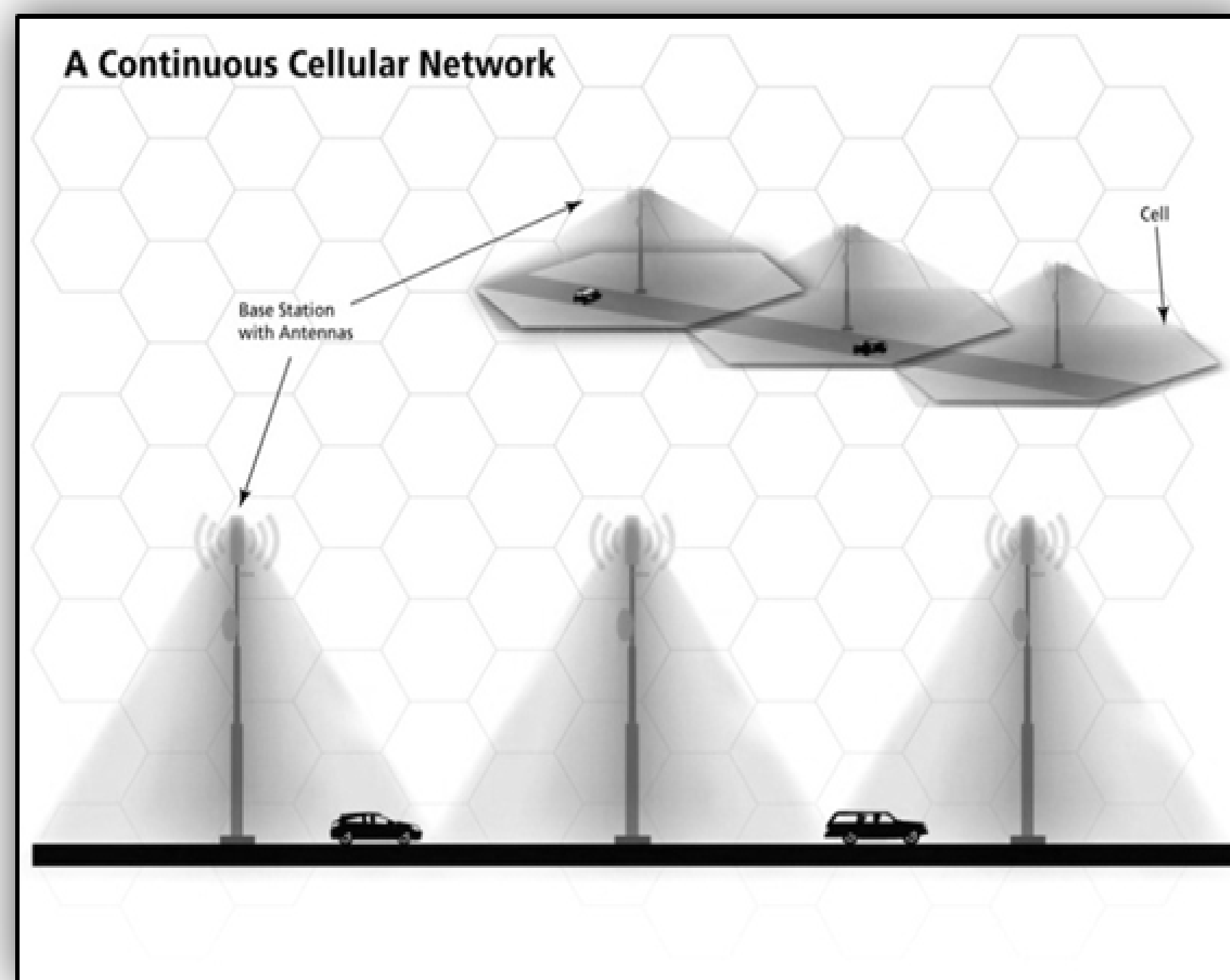
Consultation Process

Questions/Concerns

Objective is to provide reliable continuous coverage everywhere wireless users live, work and play. Continuous coverage allows the user to move freely throughout the network while maintaining calls, streaming media, accessing content, messaging, etc.

Where a network is lacking infrastructure or reaches capacity the coverage footprint shrinks. Gaps in coverage result in dead zones, dropped calls and interrupted service.

Through installation of new base station sites, coverage gap areas are restored and continuous network is achieved.



Rogers has very limited wireless services in Chisholm Township due to technical limitations from existing sites (signal strength and capacity/demand).

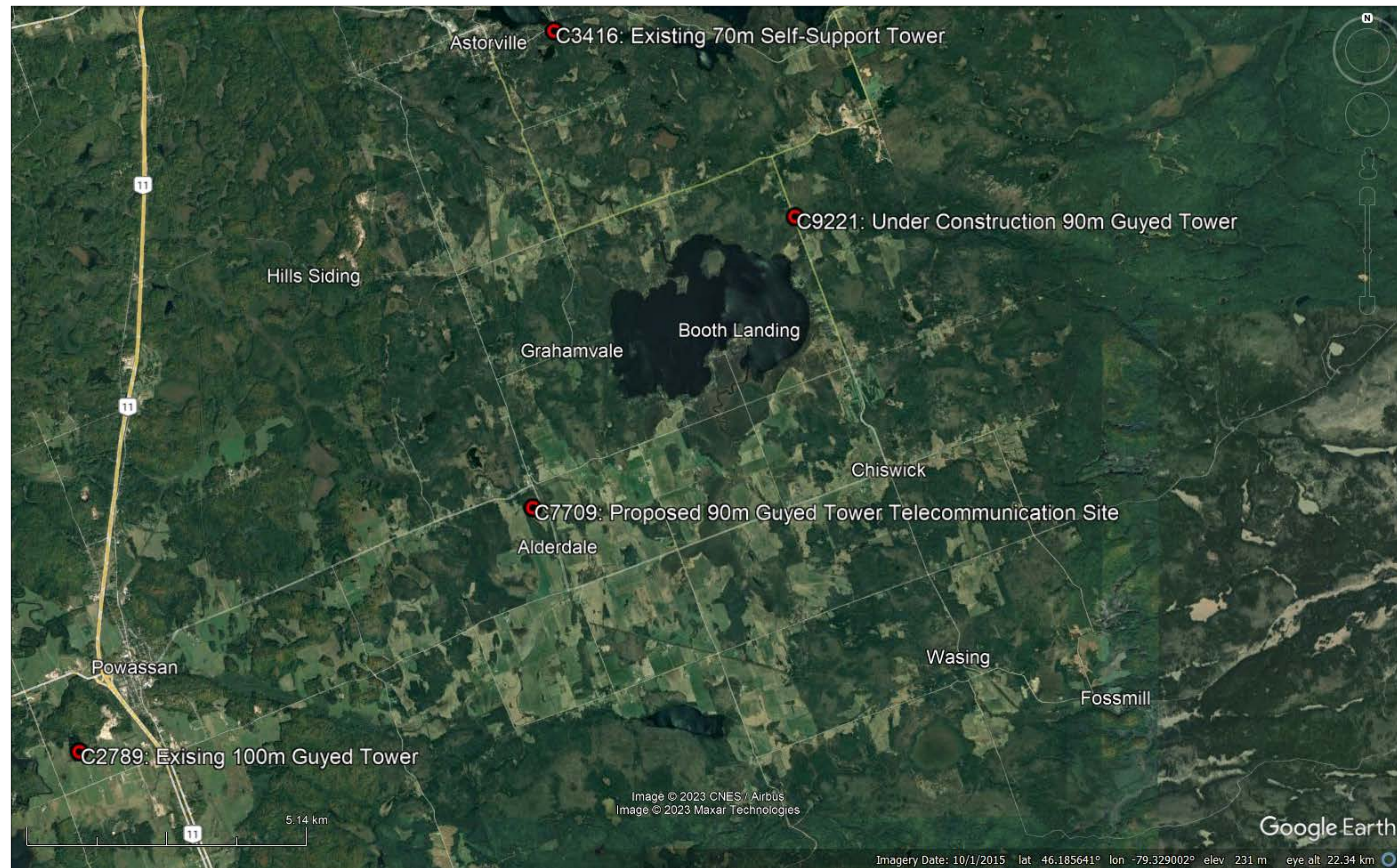
Existing Sites:

C3416 – S. Shore Road, Astorville
(70m SST)

C2789 – Purdon Line, Powassan
(100m GT)

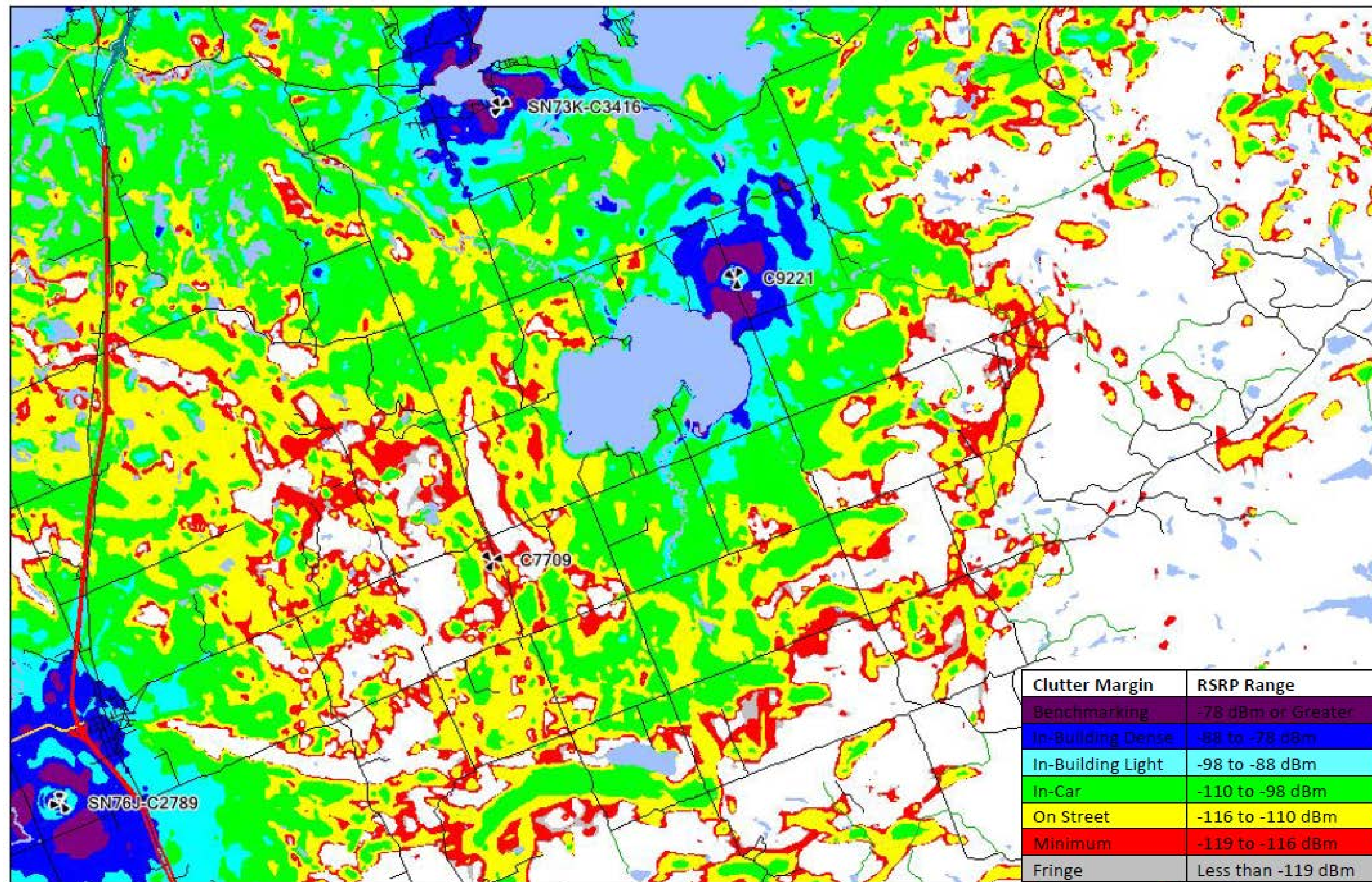
Under Construction:

C9221 – Golf Course Road, Chisholm
(90m GT)

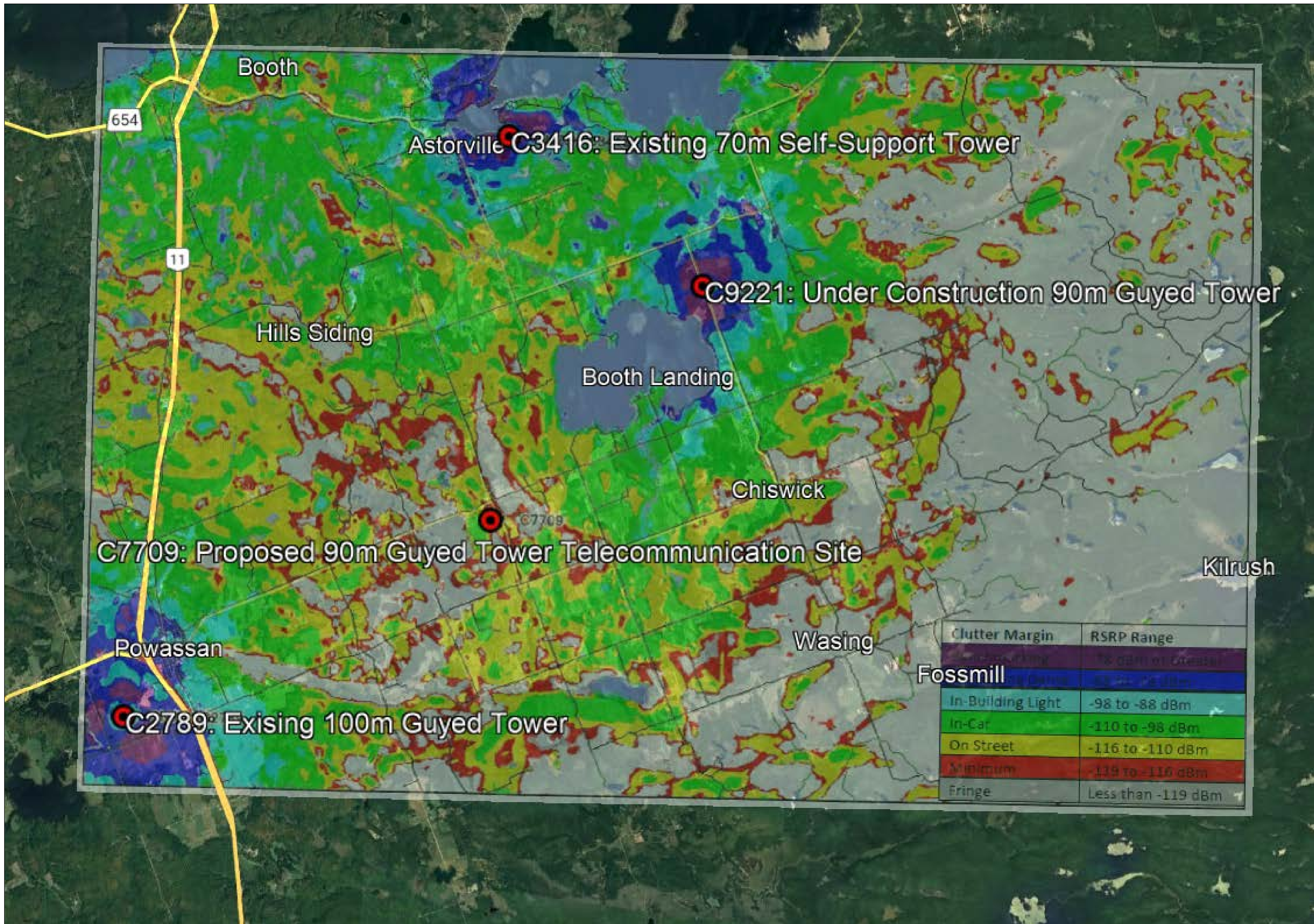


Coverage map confirms limited coverage between Powassan and Wasi Lake as well as southeast area of Chisholm Township.

Rogers RF engineers determined new site required west side of Wasi Lake to address the coverage deficiency.



Network Overview: Existing Network



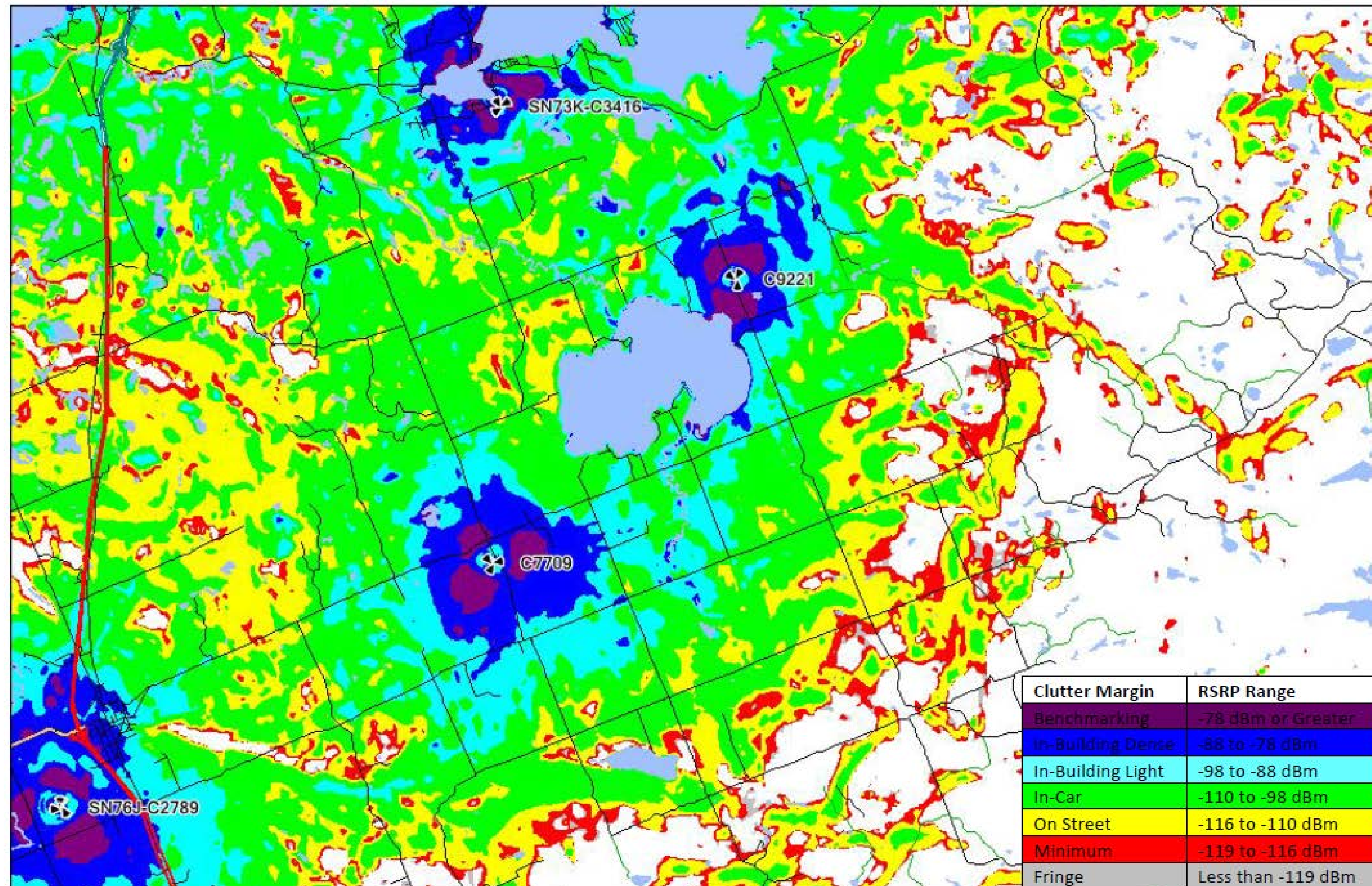
Network Overview: Existing Network + Proposed Site



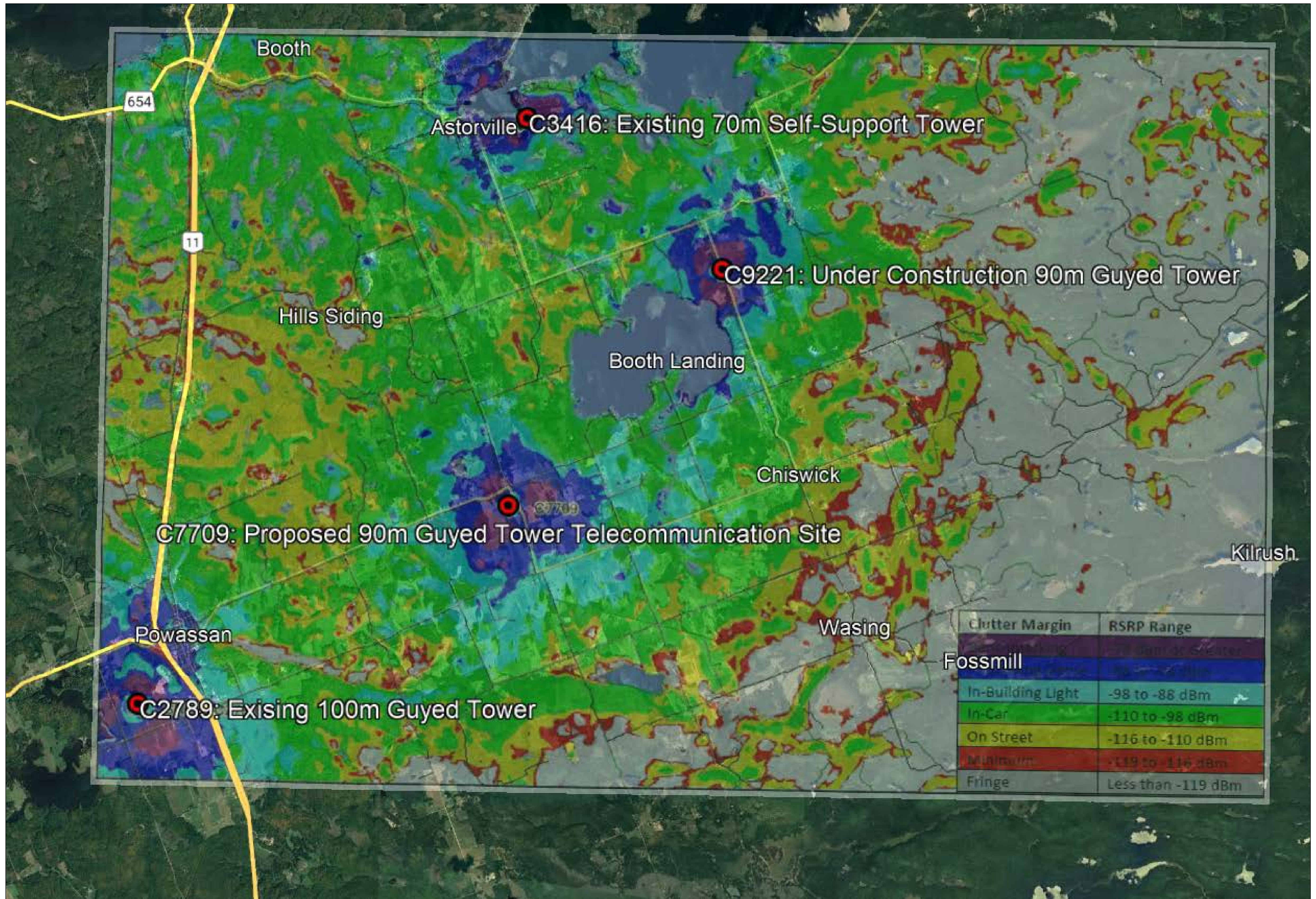
Coverage map confirms proposed site will provide significant coverage to residents between Powassan and Wasi Lake and the surrounding area between River Road and Pioneer Road.

Proposed site will provide cellular, mobile broadband and fixed wireless internet services.

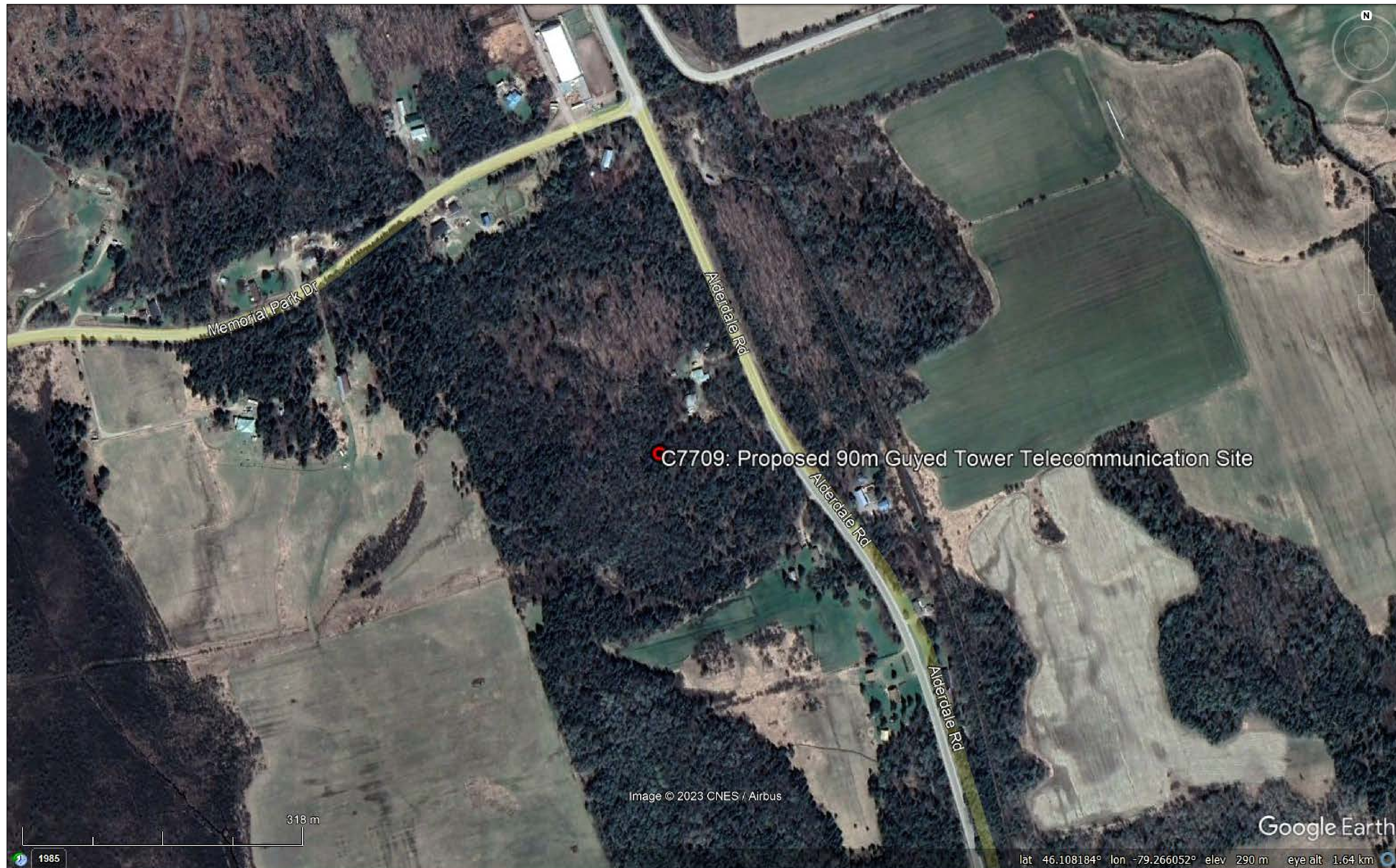
Additional site(s) still required for southeast area of Chisholm Township (Wasing/Fossmill) to provide overall coverage, in addition to other future in-fill sites.



Network Overview: Existing Network + Proposed Site



Proposed site is located at 1275 Alderdale Road, south of Memorial Park Drive.



Existing gated entrance will be utilized and existing access road to be upgraded and extended to base of tower.

O/H power from east side of Alderdale Road, along entrance to SE guyed anchor and then to base of tower.



Proposed 90m Guyed Tower:

- Narrow lattice structure supported with 3 sets of guyed wires/anchors
- Wireless equipment installed for cellular, broadband and fixed access wireless internet services.
- Will allow co-location for third parties (other cellular or internet providers, government agencies (Township public works or emergencies services), etc.
- Transport Canada has not assessed but anticipate will require split red/white lighting system.
- Med. intensity white LED beacon for daytime and twilight marking that switches to red, installed at top of tower, in addition of red flashing dual obstruction lights installed at mid-point of tower for nighttime marking.

Compound:

- Within 9.5m x 7.6m chain link fenced compound to prevent public access
- Equipment shelter at base

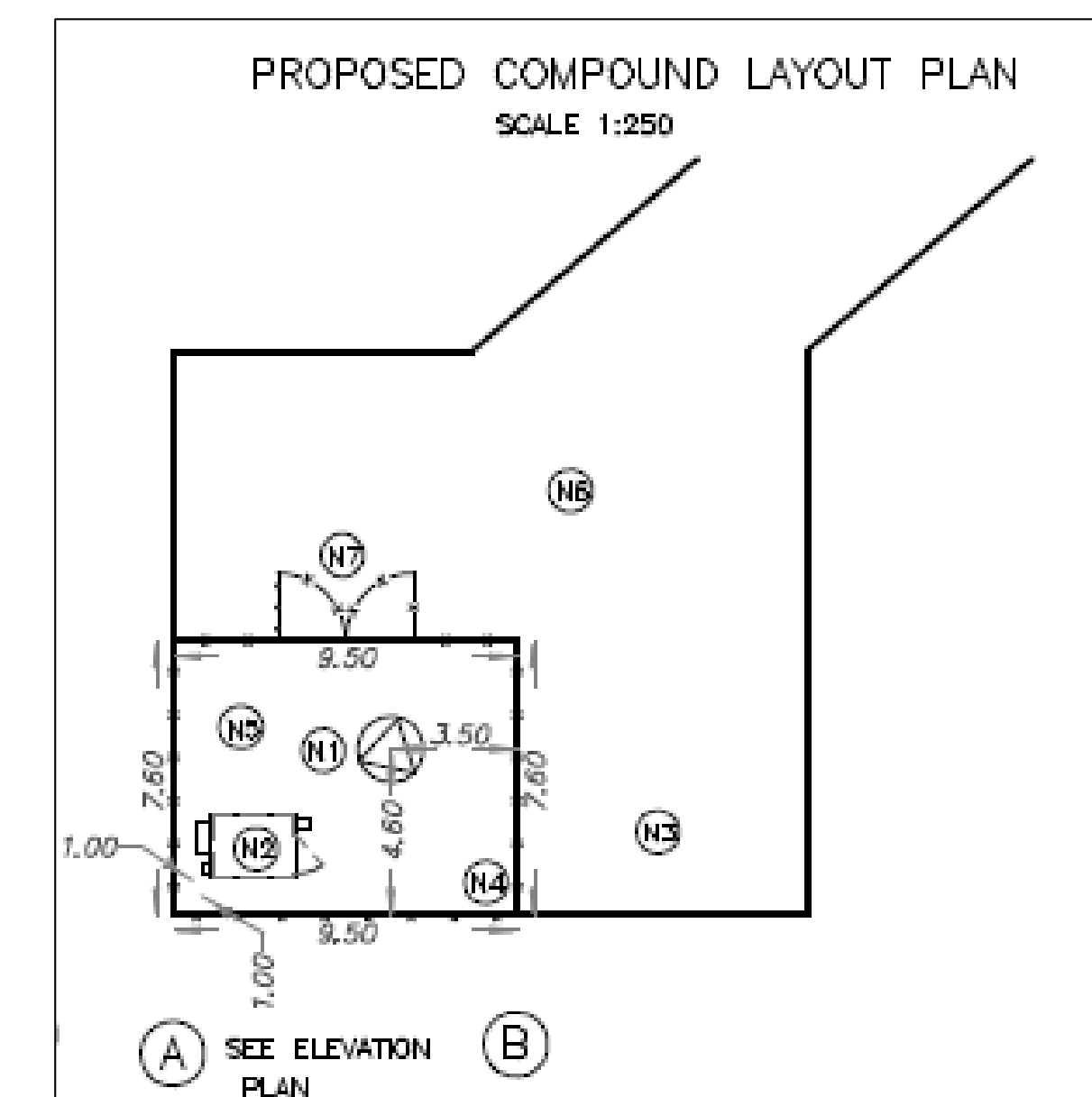


Photo Rendering

Proposed 90m guyed tower telecommunication site as it would appear from Memorial Park Drive facing south.

Please note that although considered to be accurate, this is an artist's rendering only.



North Facing – Wide Angle



East Facing – Wide Angle



South Facing – Wide Angle



West Facing – Wide Angle



Innovation, Science and Economic Development Canada (ISED) process for consultation (Client Policy Circular CPC-2-0-03, Issue 5) mandates that carriers must follow an established process set forth either by ISED or by land-use authorities.

Chisholm has created their own policy rather than follow ISED.

Chisholm Public Consultation Process

- Mail notification sent to property owners within 1km from proposed tower
- Public notice (towers greater than 30m) followed Communications Policy - published in Township newsletter
- Public meeting
- Within 15 days of Public Meeting, Proponent must forward to Township:
 - Record of names and addresses of attendees
 - Minutes of meeting to identify issues and concerns raised
 - Follow up letter indicating Proponents formal response to concerns raised at meeting

Rogers feels that the proposed site is well situated to provide much needed enhanced wireless services for Chisholm Township that will benefit residents between Powassan and Wasi Lake, in addition to the surrounding area.

Thank You.

Jay Lewis

Forbes Bros. Ltd. on behalf of Rogers Communication Inc.

Land Acquisition & Government Relations

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