



2550 Denali Street, Suite 1000, Anchorage Alaska 99503

March 3, 2016

Rogers Park Community Council
Anchorage, Alaska

Dear Rogers Park Community,

GCI has worked to respond to the questions you raised at our presentation at your February 8, 2016 meeting and letter dated February 17, 2016 from Rogers Park Community Members.

Find responses below, first the questions raised during the meeting and second the questions and requests made in the letter.

February 8, 2016, Meeting questions/comments:

- 1) Please send RPCC the CD's to include the most recent revisions.

GCI Response - Find attached to this letter the most recent plan set of design drawings for the dual use pole.

- 2) Please submit both power point presentation for the Sept 2015 and Jan 2016 RPCC meetings.

GCI Response - Find attached the Sept 2015 and Jan 2016 Power Point presentations combined into one document.

- 3) Please update simulated photos.

GCI Response – GCI will have ready to present at the March 7 meeting, new simulated photos to include a simulation at the base of the dual use pole, depicting the equipment cabinets.

- 4) Request to model the Baptist Church and Saint Church at the same height proposed for Rogers Park - 79 feet.

GCI Response - Please find additional propagation maps included in New Propagation Maps attachment.

- 5) Two additional areas suggest for modeling. 1) East of LaTouche, triangle in between Northern Lights and Benson and 2) Move site to ADOT ROW South of Benson between school fence and bike path.

GCI Response - Please find additional propagation maps included in New Propagation Maps attachment.

- 6) Please provide list of sites GCI plans to upgrade or construction in the foreseeable future.

SITE NAME	SITE ADDRESS	CITY	STATE	ZIP CODE	LATTITUDE	LONGITUDE
ACS Reeves	4511 Old International Rd.	Anchorage	AK	99502	61-10-29.29 N	149-58-11.78 W
ACS Brayton-Soto	6646 Homer Dr.	Anchorage	AK	99518	61-9-37 N	149-51-29.1 W
Pioneer Bldg.	923 W. 11th Ave.	Anchorage	AK	99501	61-12-42.957 N	149-54-2.948 W
Norton Ct.	22533 Norton Ct.	Chugiak	AK	99567	61-25-7.88 N	149-27-39.05 W
Elmendorf (21st St.)	10488 Necrason	Elmendorf	AFB	99506	61-14-45.996 N	149-48-29.1594 W

Future site improvements and installations are proprietary information.

February 17, 2016 questions requests from Rogers Park Community Members.

During the meeting on Feb 8, Travis Drake of GCI agreed to evaluate two additional locations; those locations are not shown on the attachment to your letter. They are:

- 1) On the south side of NL/Benson, right outside the RP Elementary School fence, 80 feet or so above ground. (See Option 5 in the attachment.)

GCI Response – GCI will prepare a propagation map at this location to be presented during the March 7, 2016 meeting.

- 2) Between NL and Benson on the east side of LaTouche Street. (See Option 4 in the attachment.)

GCI Response – Please see additional propagation maps New Propagation Maps attachment.

Also, we noticed that the datasheet for the antennas you propose to use says the maximum power input to one antenna is 300 watts, whereas it seems that the table you gave us at the meeting on February 8 says you are going to drive all of the antennas with a total of two 40 watt power amplifiers.

NOTE: Illustration from your recent submittal to us:

Antenna Model	PA Power	Frequency
APX17DWV-17DWVS-E-A20	2X40 Watts	2010Mhz

NOTE: Antenna datasheet excerpt:

Product Data Sheet	APX17DWV-17DWVS-E-A20	RFS
Optimizer® Side-by-Side Dual Polarized Antenna, 1710-2200, 65deg, 19dBi, 1.9m, VET, 0-10deg RET		
7th Order IMP @ 2 x 38 dBm, dBc	> 170	
Impedance, Ohms	50	
Maximum Power Input, W	300	
Lightning Protection	Direct Ground	
Connector Type/Location	(4) 7-16 Long Neck Female/Bottom	

In addition, while RPCC has asked GCI on a number of occasions to analyze the utilization of an ODAS and or Small Cell deployment for the Rogers Park area we have not heard or seen anything from GCI addressing the use of this technology.

Questions:

Usually there are three antennas per “sector,” so couldn’t GCI (theoretically) drive the system with 900 watts (over ten times more than the 80 watts currently proposed)?

How much better coverage and signal-to-noise ratio would GCI get if they used more power than currently planned?

GCI Response - GCI follows FCC standards for maximum power which cannot be exceeded.

Why not use one of the less onerous locations (say, one of the churches, or **on the CIRI building**, or a utility or other pole just south of Benson) and drive the antennas with more power?

GCI Response - FCC regulations set certain standards for maximum Power. GCI cannot exceed the limit. Please refer to propagation maps in New Propagation Maps attachment for the above reference sites.

Requests:

Would you please also evaluate Option 4 and Option 5, in addition to the other three options, and present your results for all options at the meeting on March 7?

GCI Response – please see additional propagation maps in the New Propagation Maps attachment.

Please base your evaluation of all five options on radios that deliver 300 watts to each antenna.

GCI Response – - FCC regulations set certain standards for maximum Power. GCI cannot exceed the limit. Please see additional propagation maps in the New Propagation Maps Appendix.

Provide a complete study of an ODAS and/or Small Cell deployment for the Rogers Park area for our review and for our third party consultant’s review prior to the next RPCC meeting.

GCI Response – During presentations in January and February 2016, GCI verbally presented information on how use of ODAS or Small Cells is not the correct strategy for quality issues in Rogers Park area. In addition, the visual impact of a small cell solution will be much greater than the one site solution proposed by GCI. Each small cell would have to be a minimum of 32.5 feet in height for transmitting antennas. GCI provides service for 3 different technologies which requires 3 antennas on each structure. End result would be multiple (5 is our assumption) 32.5

foot structures interspersed throughout the Roger Parks neighborhood with equipment cabinets at the base of the structures.

GCI has presented this project to the Rogers Park Community Council several times in order to explain the need for a new site in the area of Anchorage to fill a significant gap in the GCI system.

We have taken the past several months to carefully optimize existing GCI sites and evaluate alternate placements for the proposed facility. Responses to questions raised by the community are addressed, along with updated images of alternate sites with propagation analysis. We will present updated photo simulations at the March meeting.

A representative of our engineering team will be present Monday night to answer any additional technical questions about area coverage.

We look forward to continued discussion of this project with the Rogers Park Community March 7, 2016.

Respectfully,

Sherrie Greenshields
Site Acquisition Consultant

Attachments: