

August 28, 2018

Commissioner Brendan Carr
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

RE: Accelerating Wireless Broadband Deployment by Removing Barriers to Infrastructure Investment (WT Docket No. 17-79)

Dear Commissioner Carr,

Thank you for taking a moment to consider my views as you influence the regulatory policy that will play an undeniable role in charting the next wave of America's global wireless leadership. As you are well aware, the United States assuming this mantle of leadership is contingent on our ability to deploy 5G first.

To remain on the cutting edge of innovation, the U.S. must be fast to adapt to changing circumstances. An increasing number of consumers rely exclusively on a wireless internet connection to carry out essential everyday tasks, from sending a work email to navigating around town. Additionally, wireless data consumption climbs higher with each passing year, and will only continue to do so as more "things" become connected and data-intensive technologies like virtual reality become more prevalent. Unless we invest in a wireless network capable of sustaining these trends in mobile behavior, the U.S. will run into a wall when it comes to keeping pace with the rate of technological innovation.

In the simplest terms, as we look at 5G as an upgrade, we must also look at upgrading the process it takes to deploy the networks. The approval and deployment of wireless infrastructure currently demands a significant expenditure of time and resources to navigate the regulatory process. The complexity of these regulations made more sense when cellular service depended largely upon cell towers. While towers will still be relevant in a 5G world, the infrastructure needs are different with thousands of small cells in the picture. Regulations that direct small cell deployment should be tailored to these little devices that serve small areas rather than to massive towers that serve larger areas.

Thank you for taking steps to streamline rules that will expedite small cell deployment. I hope you will continue to search for opportunities to simplify our path to a 5G-connected country. These efforts are of particular significance for Iowan communities. Providers forced to grapple with burdensome rules in initial deployment stages must commit unnecessary time and investment to overcome the regulatory hurdles. It is vital that the FCC, along with local and state policymakers, work to mitigate this so that investment flows freely and rapidly to communities in Iowa that may not be first in line to receive 5G service.

Being first to 5G isn't just turning it on in one city. That's a milestone to be sure, but to really hold on to our wireless leadership mantle, it needs to be available more broadly. For that to

happen, the FCC must achieve smart streamlining that makes it easier for investment to spread throughout the states. With these policy goals in mind, all Americans can enjoy the benefits of winning the global race for 5G.

Sincerely,

A handwritten signature in blue ink, appearing to read "Cheryl Weisheit". The signature is fluid and cursive, with the first name "Cheryl" and last name "Weisheit" clearly distinguishable.

Cheryl Weisheit