

The Honorable Dan Shaul

State Representative – District 113
201 West Capitol Avenue – Room 201-A
Jefferson City MO 65101

September 6, 2018

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

RE: WT Docket No. 17-79

Dear Commissioner Carr,

As you know, winning the global race to 5G is a vital goal for this country that will not happen on its own. Wireless companies are off and running, but government leaders can't sit and watch. They need to adapt existing policies to ensure outdated rules and regulations aren't creating roadblocks that hold us back. Thank you for spearheading efforts at the FCC to put the U.S. on a better path to being 5G ready.

This is a path I've been watching develop in my capacity as a member of the Missouri General Assembly. I recognize the tremendous impact – economic and otherwise – that 5G stands to bring. Simply put, we want it and we need it.

The trajectory for data consumption is going nowhere but up as more technology solutions come online and more people adopt them. Looking forward, self-driving cars, the explosion of the Internet of Things, and virtual reality – which are just some of the technologies that reshape the future of communities like mine – will require higher and more reliable levels of connectivity. 5G will bring that.

Additionally, 5G will also be responsible for generating substantial economic activity throughout Missouri. One study estimates that with the right infrastructure policies in place, the state could see an investment of over \$5 billion, which would yield results including \$22.6 billion in statewide consumer benefits.

With so much to gain from 5G, it is imperative that government officials – from the local level to the federal level – work together to improve America's 5G readiness. In doing so they can find ways to balance local interests and the need to speed up deployment. Ironically, a big part of that is reworking policies that were designed with cell towers in mind to work for small cells, which will be attached to street lights, buildings, telephone poles, and the like to give communities the 5G speeds and reliability they're hearing about.

With national leadership for appropriate streamlining, all communities will be better positioned to reap the benefits of 5G. Otherwise, the process could be slowed by areas – major metropolitan areas in particular – that bog down wireless providers with paperwork and fees. Smaller communities end up being on the losing side of that situation.

Again, thank you for your leadership, and please continue to work hard to ensure policies that strike the right balance and put America on the right path to win the 5G race.

Regards,



Representative Dan Shaul
Imperial, Missouri