

**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515-1806**

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June 13, 2019

The Honorable Ajit Pai  
Chairman  
Federal Communications Commission  
445 12<sup>th</sup> Street S.W.  
Washington, D.C. 20554

Dear Chairman Pai:

Recently, telecommunications service providers have begun installing the new wireless broadband infrastructure that is necessary to support 5G in cities across America, including Baton Rouge. While I share your appreciation for the tremendous role that technology plays, both in the economy and in the lives of its users, I am concerned by the rollout of these small-cell facilities in homes and neighborhoods across my district.

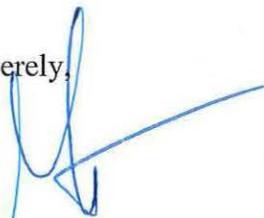
A technological transformation of 5G's magnitude requires a massive support structure, but that deployment cannot come at the expense of property values and neighborhood aesthetics, especially in historic communities. America's 5G leadership is an important national priority, but even a national priority demands consultation with local stakeholders. I respectfully ask you to encourage wireless carriers to collaborate with municipalities on the placement and design of these new transmission systems.

Additionally, recent reports by the National Oceanic and Atmospheric Administration (NOAA) and the National Aeronautics and Space Administration (NASA) suggest that the 5G network could interfere with satellite data, reducing the accuracy of weather forecasting by as much as 30 percent. I urge you to work closely with the NOAA, NASA, and any other stakeholders to investigate any potential effects of 5G on our nation's ability to forecast and prepare for severe weather events.

As the FCC continues to oversee the deployment of the 5G network, we must remember that the rollout is not happening in isolation. It is crucial to consider the effects that these

innovations will have on existing technologies and communities across America. Thank you for your prompt attention to these important issues.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Garret Graves', with a long horizontal stroke extending to the right.

Garret Graves  
Member of Congress