

Responses of Brad Gillen, Executive Vice President, CTIA
To Questions for the Record
Before the
U.S. House Energy and Commerce Subcommittee on Communications and Technology
March 5, 2018

Questions for the record from Congresswoman Clarke

For Mr. Gillen

1. Can you all commit to helping reach a good faith consensus on how to bring high-speed broadband and 5G technology to cities aiming to deploy smart technology for their constituents? What are your plans for this commitment and engagement?

A. Yes. CTIA commends the Congresswoman for her attention to this critical issue, and agree that a close working relationship between operators and cities is key to unlocking the value of 5G for all Americans.

As you have observed, 5G will have a transformative impact on the way Americans live and work in communities throughout this country. The high speed and low latency promised by 5G will improve the responsiveness of wireless networks and devices, creating new use cases that will produce widespread benefits not just in the telecommunications sector, but also for public safety, health care, transportation, accessibility, and more. Moreover, with an anticipated \$275 billion in investment from the wireless industry, 5G technology is expected to bring three million new American jobs and will help unlock hundreds of billions in new investments across the country. A report by Accenture shows Smart Cities solutions built on 5G infrastructure could produce \$160 billion in benefits and savings for municipalities when applied to their electric grid and traffic management. This is just a small snapshot of what 5G services can bring when municipalities and industry work collaboratively.

A key piece of realizing the benefits of Smart Cities is education and outreach to local officials about the promises of 5G and the proactive steps mayors and local leaders can take to ensure their communities are 5G ready. Across the country, CTIA and our members have been reaching out to policymakers at all levels of government to encourage modernization of wireless siting policies, including efforts to ensure the rapid and efficient buildout of the infrastructure necessary for capacity-building.

The good news is because of this outreach we are already seeing investments flow to communities that are moving forward to capitalize on the 5G opportunity. Verizon, for instance, has announced it will be commercially deploying a 5G network in Sacramento in the second half of 2018. This deal sprung out of the close cooperation between Verizon and the Sacramento city government. AT&T also recently announced its plans to offer mobile 5G to its customers in a dozen cities by the end of 2018. Minneapolis is one of the cities in AT&T's 5G Evolution Test Market, thanks in part to the city's small cell ordinance designed to bring more investment to the city. The state of Minnesota also recently

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passed a small cell law that establishes a clear timeline for cities to issue or deny small cell permits and sets a statewide annual fee for 5G small cell deployments. These are just two examples—and we are seeing similar investments from all the national carriers as well as regional providers—that offer a clear roadmap for how city leaders can attract the investment their communities need.

We applaud those states and localities that have modernized their policies to reflect the size and scale of next-generation network architecture, and we look forward to working with other communities to continue these efforts and to ensure robust connectivity across the nation, to the benefit of consumers, local governments, and the American economy.

2. Will you commit to working with my office to resolve some of these disputes, and find a path forward that works for all consumers, cities and the industry?

A. Yes. CTIA is committed to working with you to resolve any disputes and to find a path forward that will work for local governments, consumers, and the wireless industry alike. We cannot maintain our global leadership as the wireless ecosystem evolves from 4G LTE to 5G without the close collaboration and support of state and local governments. We recognize the integral role states and localities play in modernizing our infrastructure and we will continue to work closely with local leaders to ensure the tremendous potentials of 5G is unleashed.